

F I G. 1 P R I O R A R T

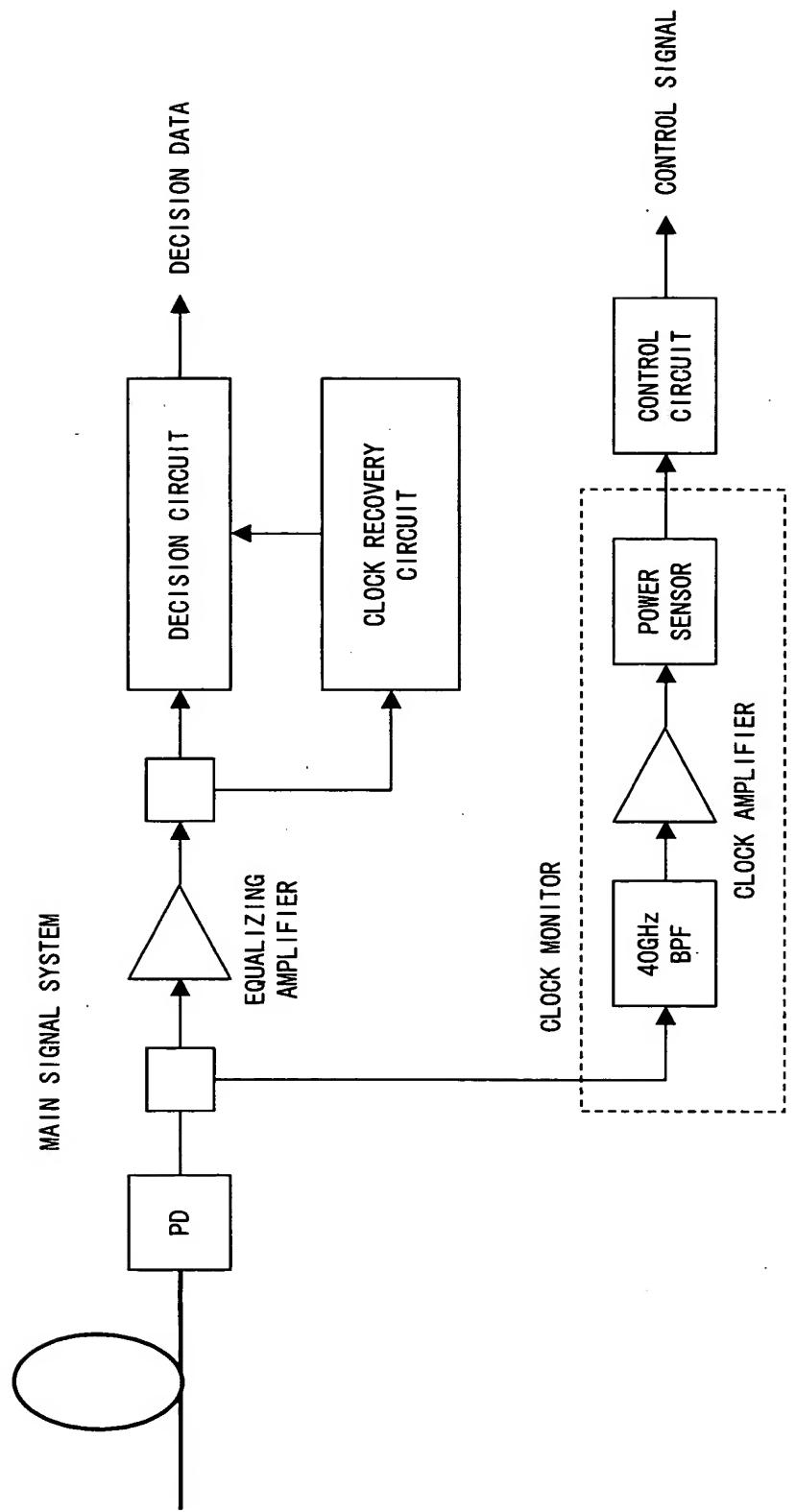
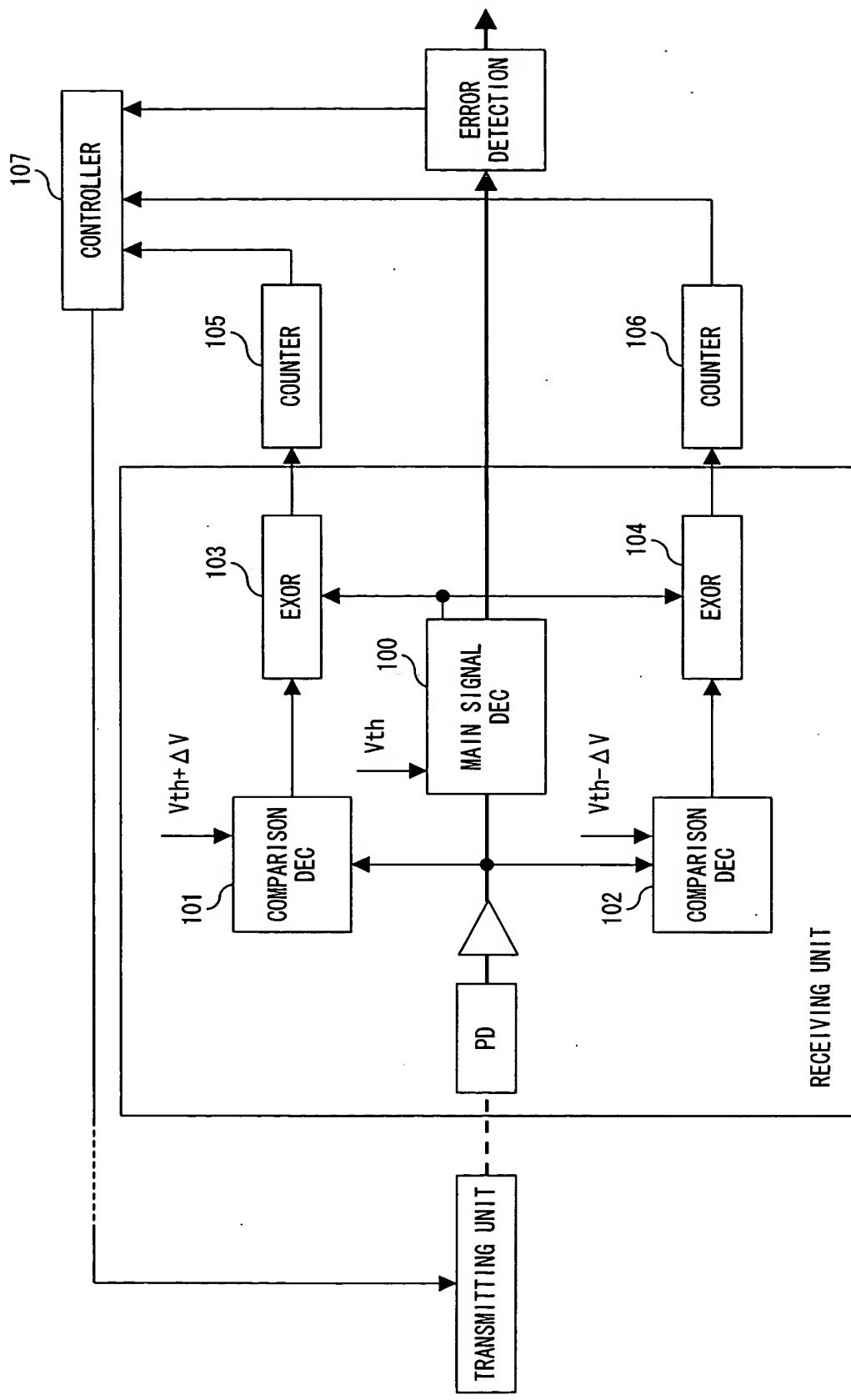


FIG. 2 PRIOR ART

FIG. 3 PRIOR ART



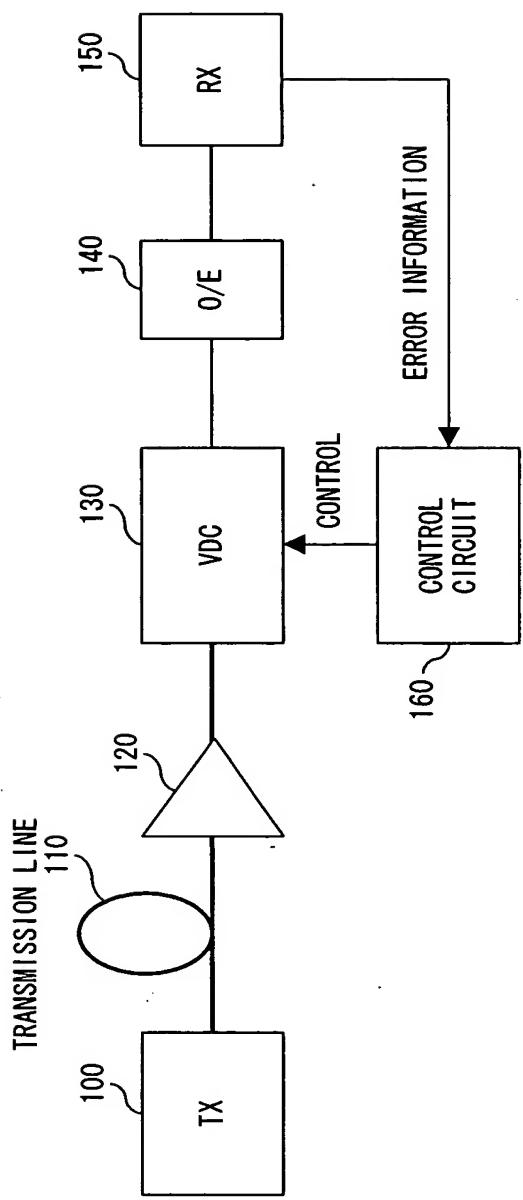


FIG. 4 PRIOR ART

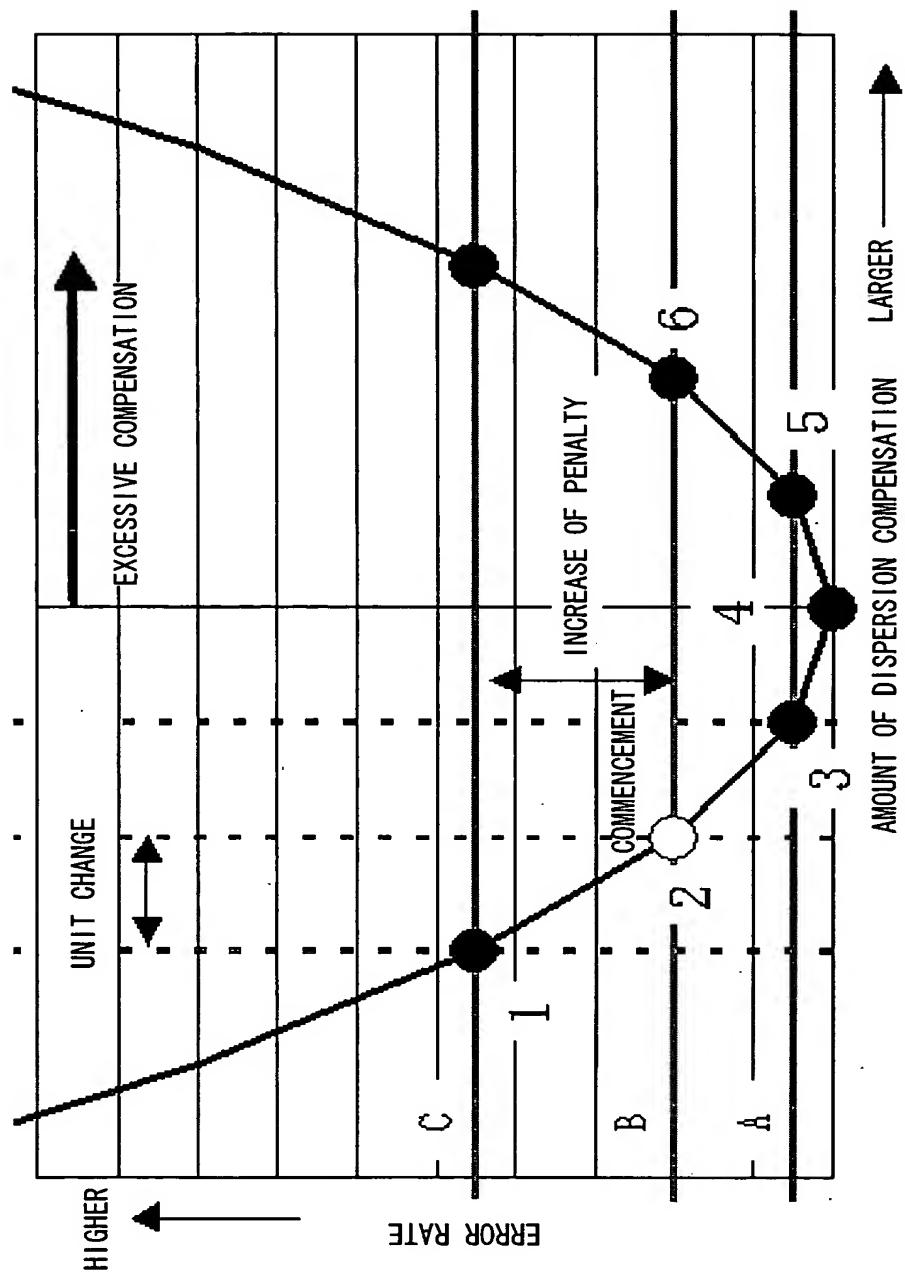
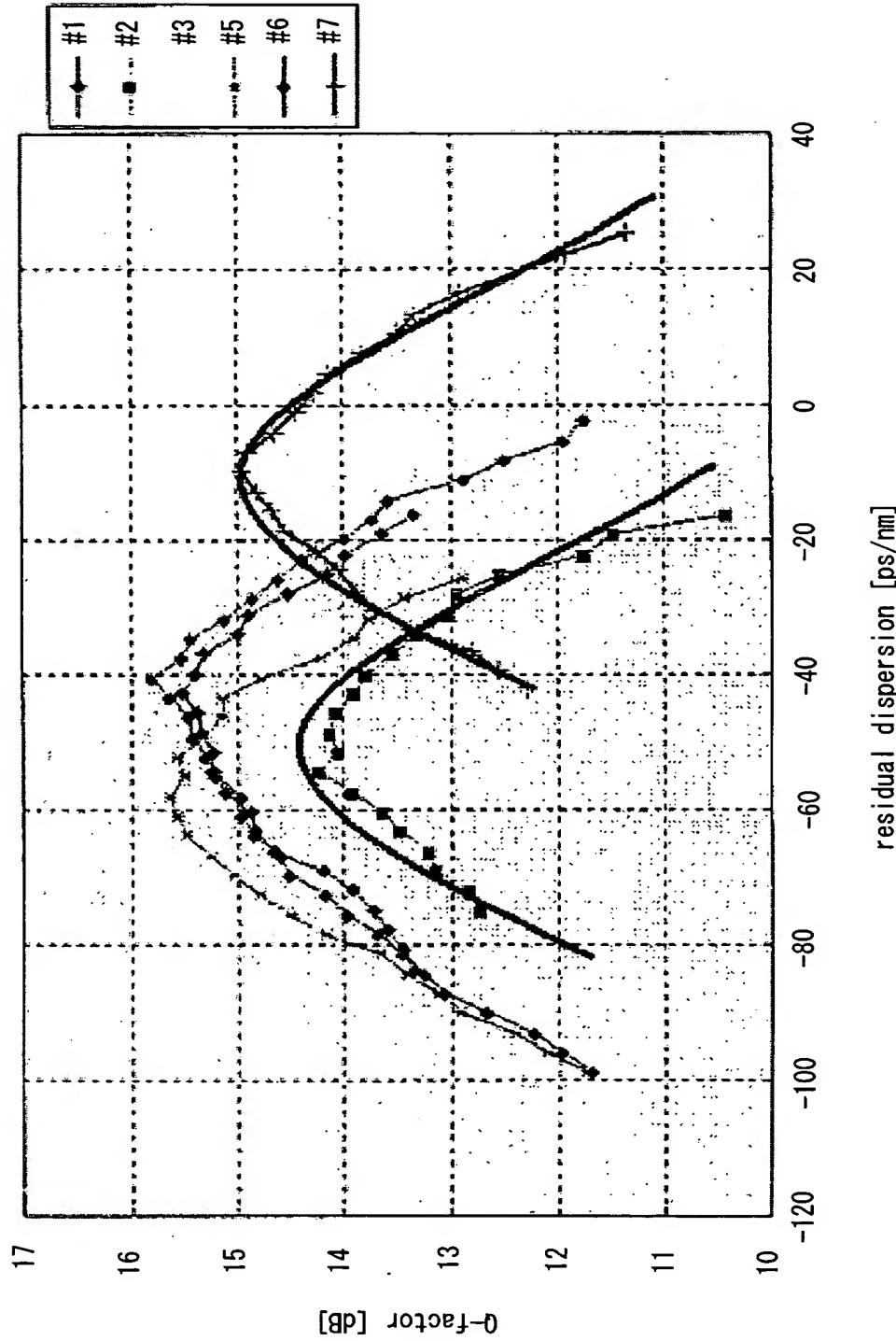


FIG. 5 P R I O R A R T

FIG. 6 PRIOR ART



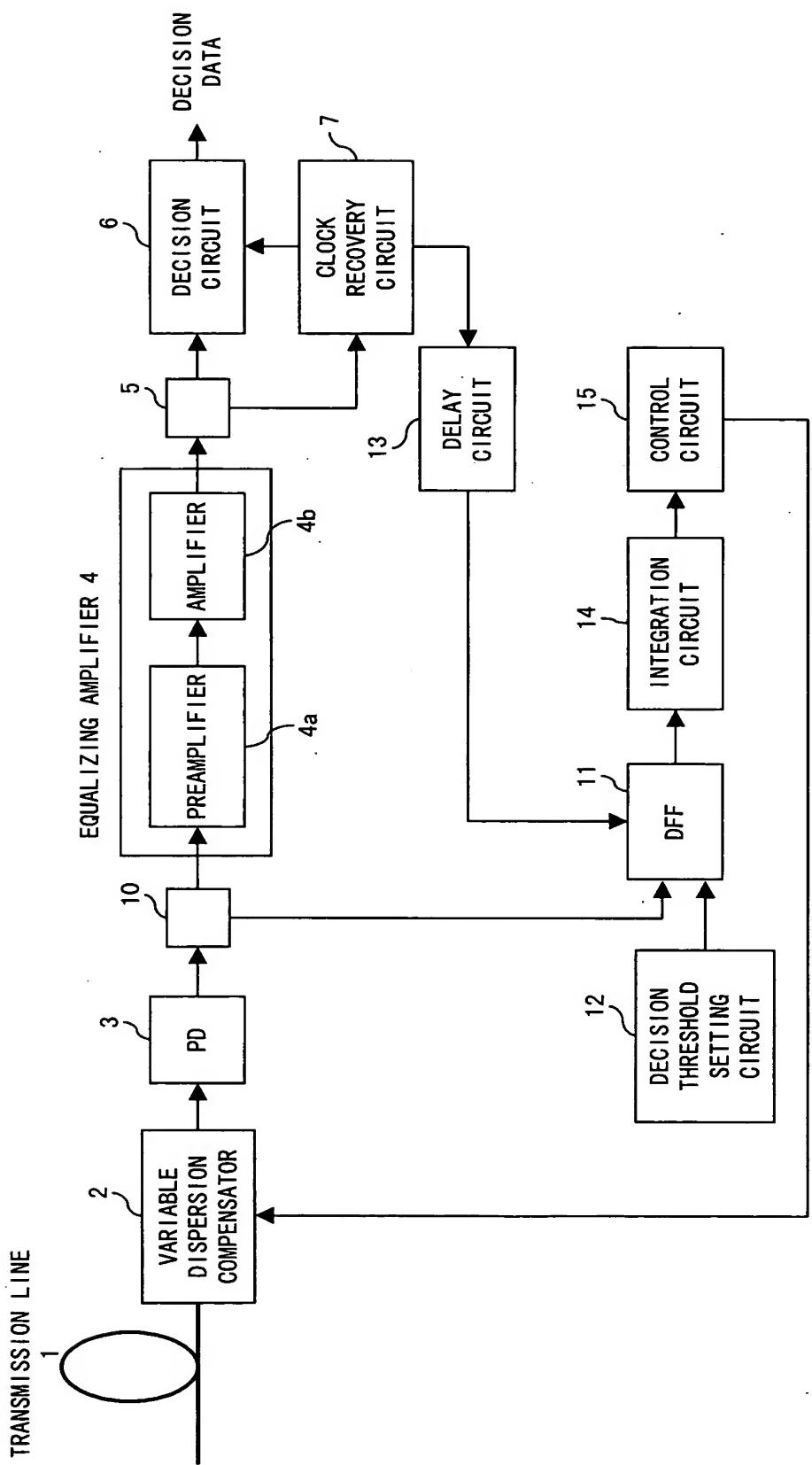


FIG. 7

FIG. 8

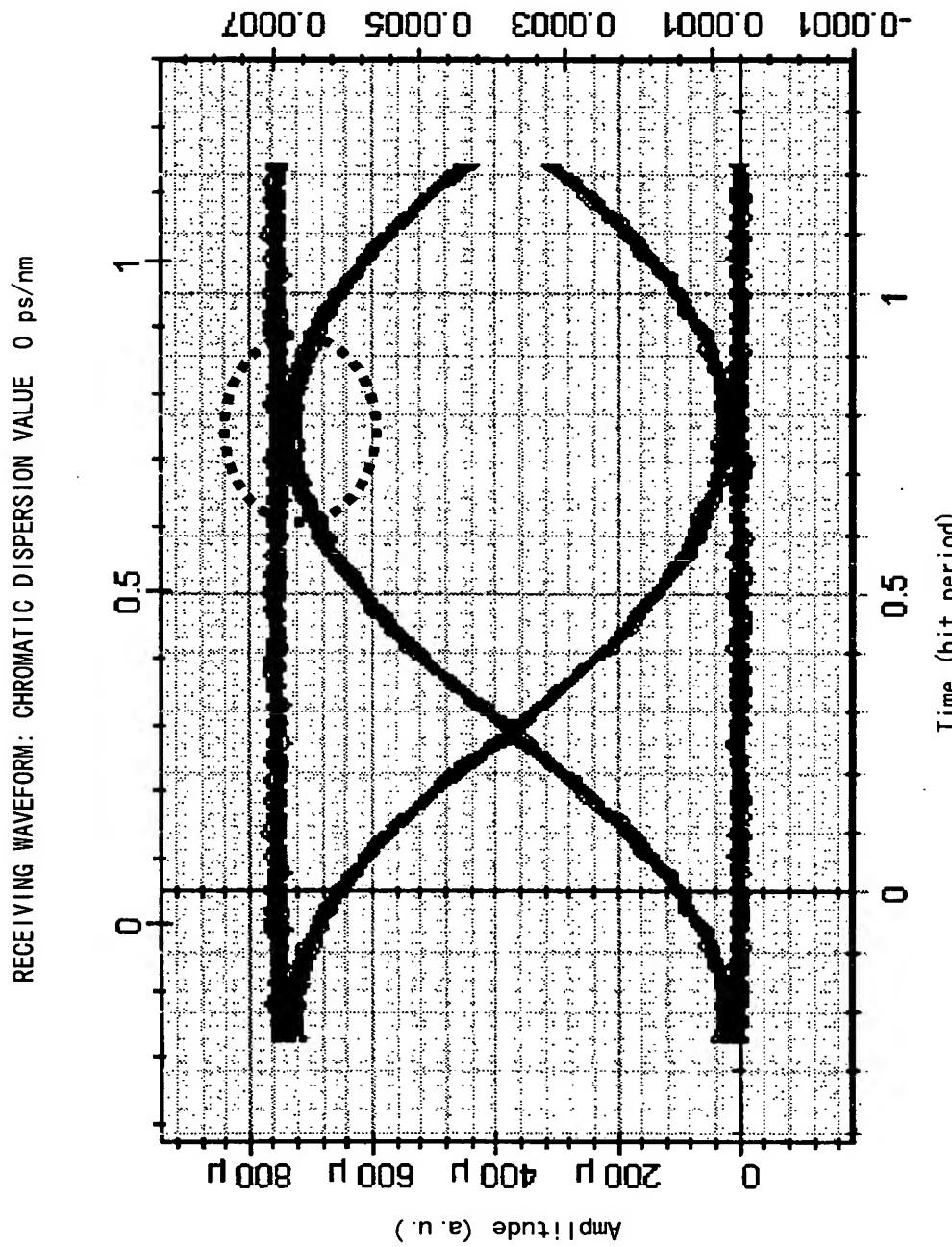


FIG. 9

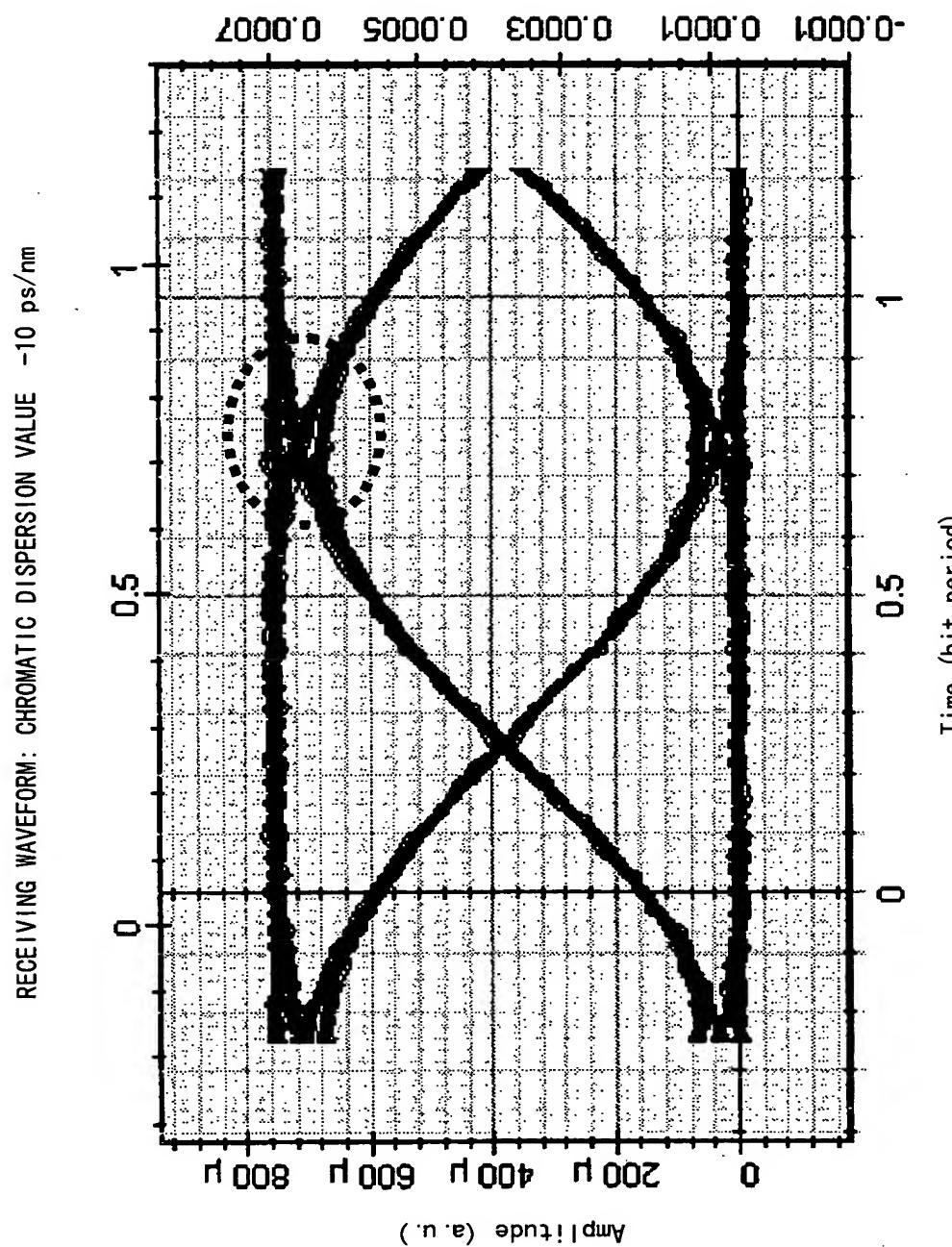


FIG. 10

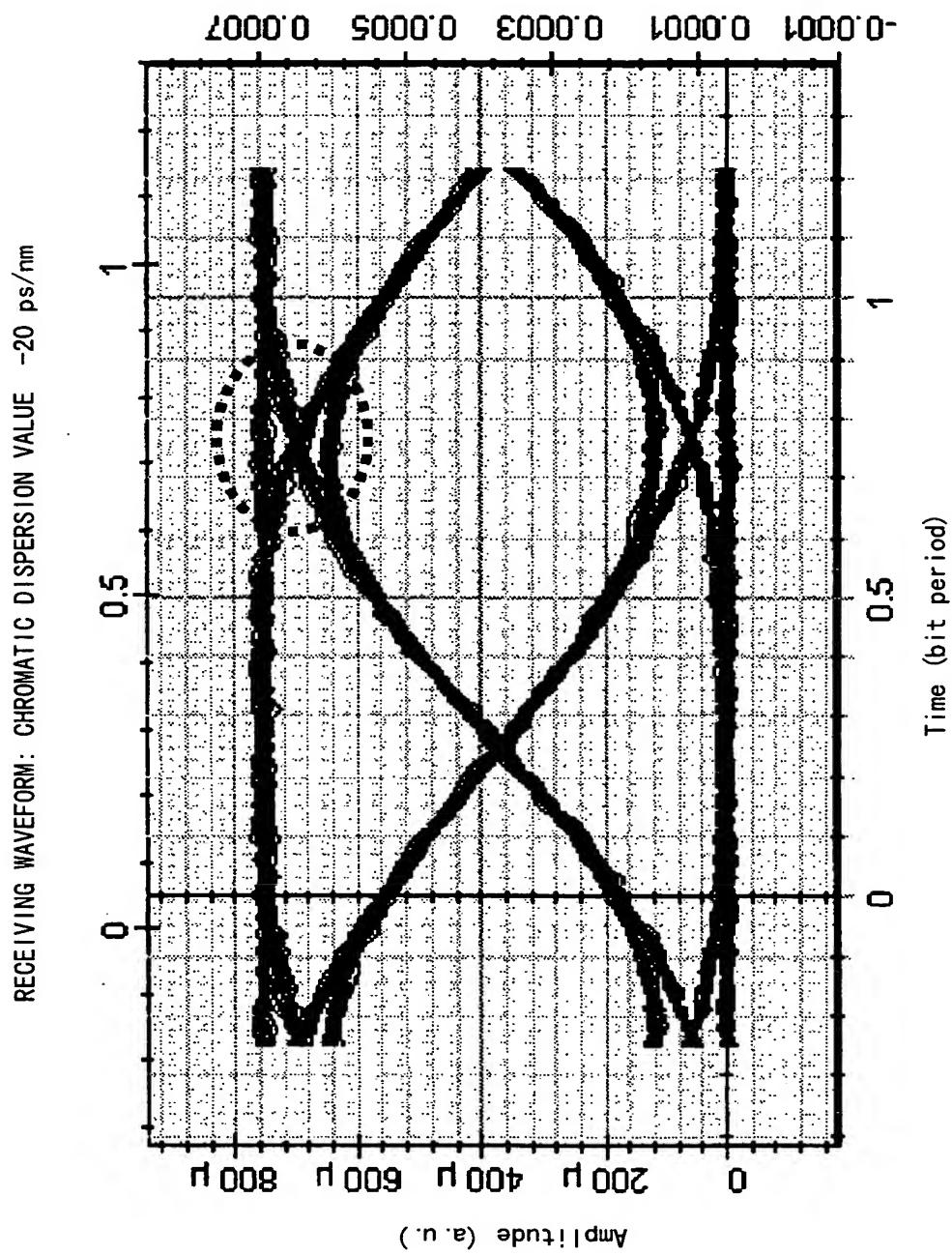


FIG. 11

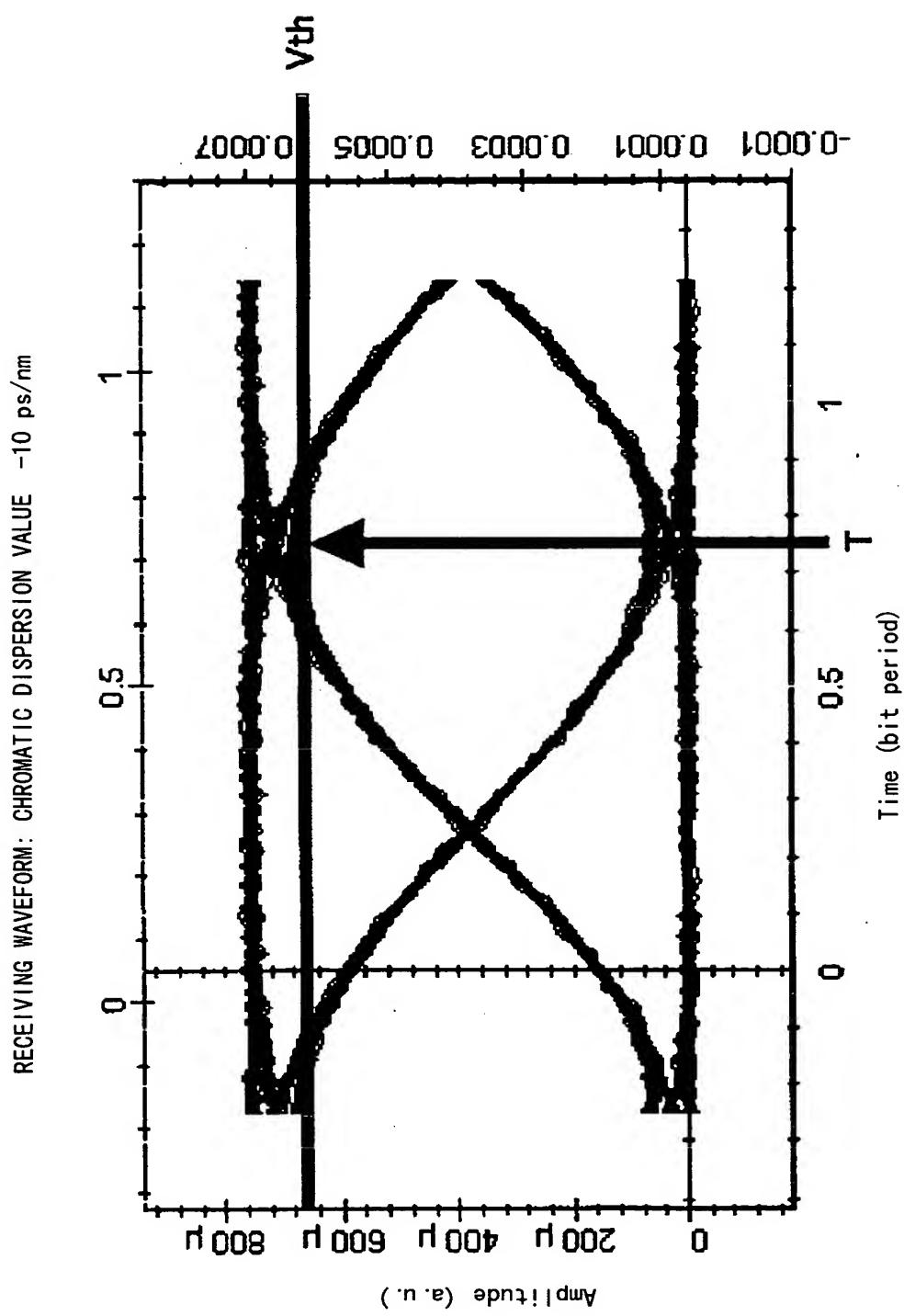
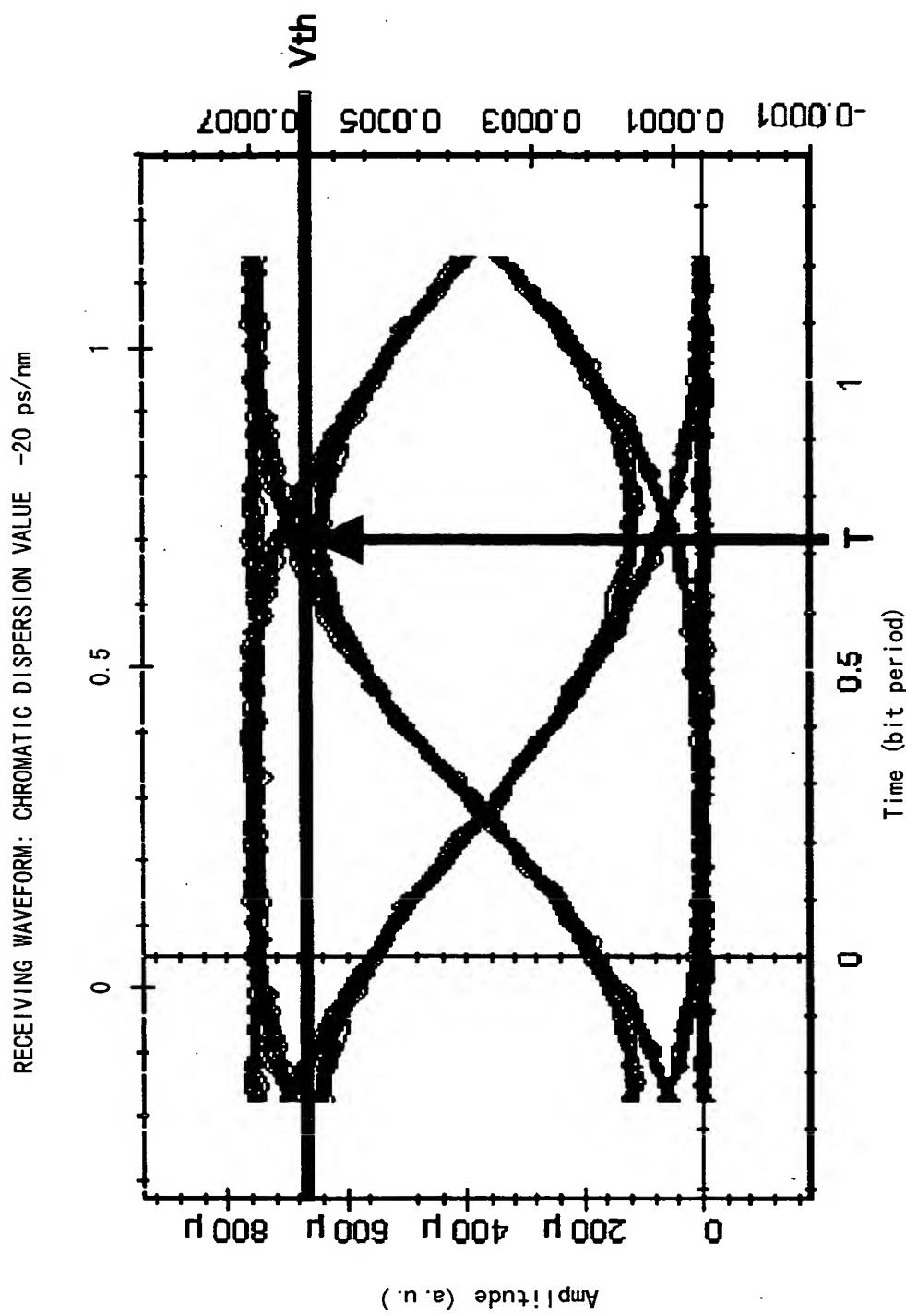


FIG. 12



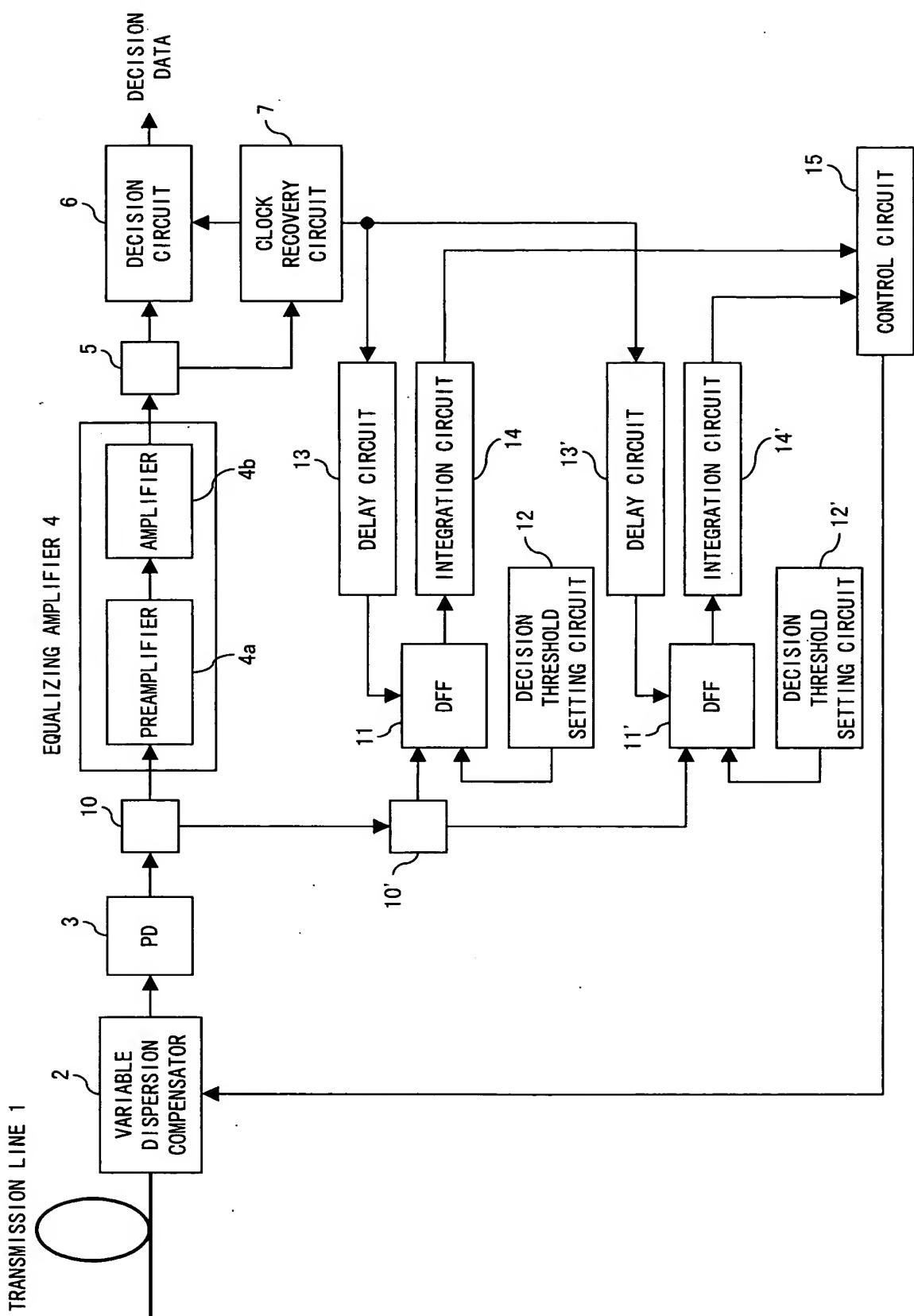


FIG. 13

F I G. 1 4

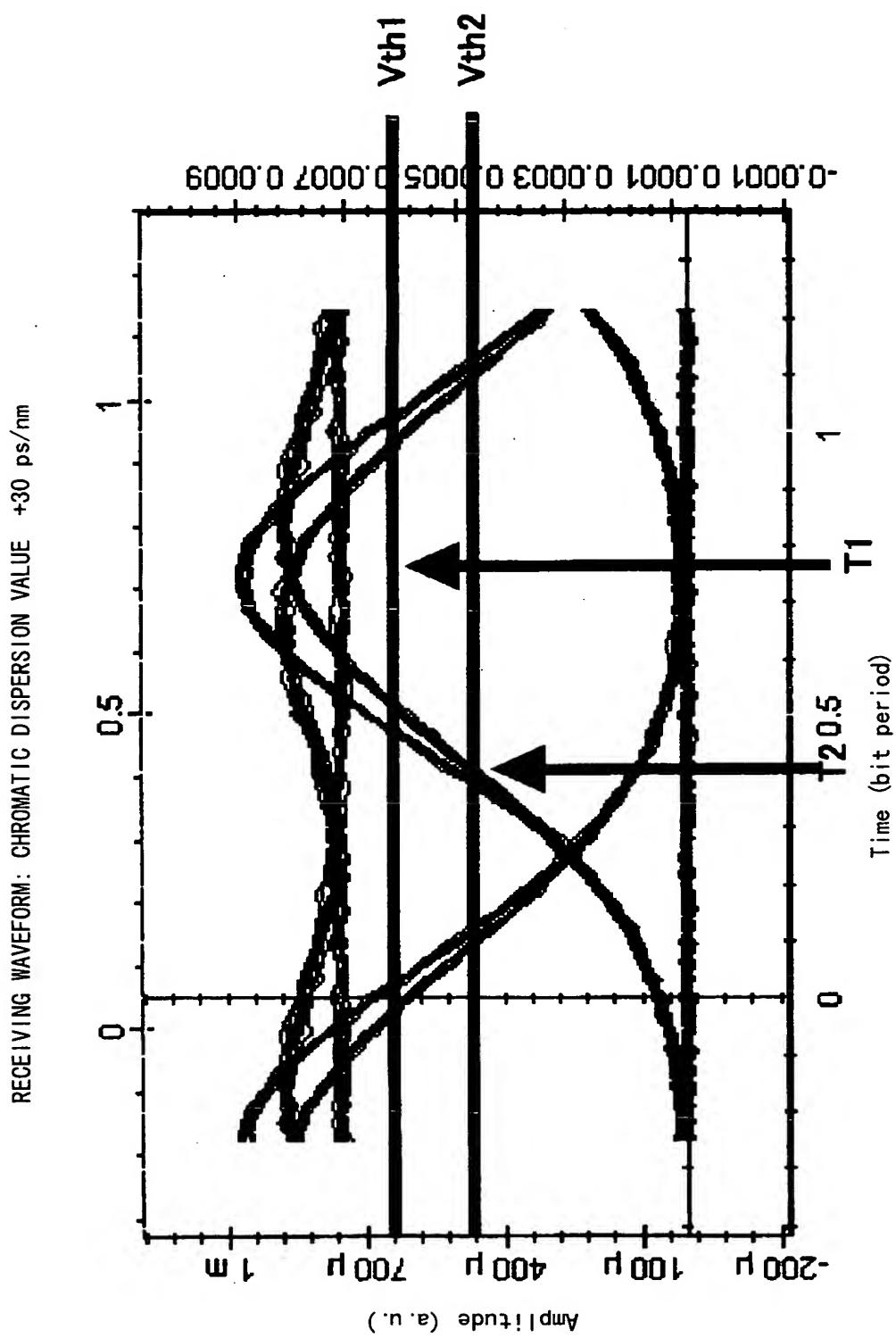


FIG. 15

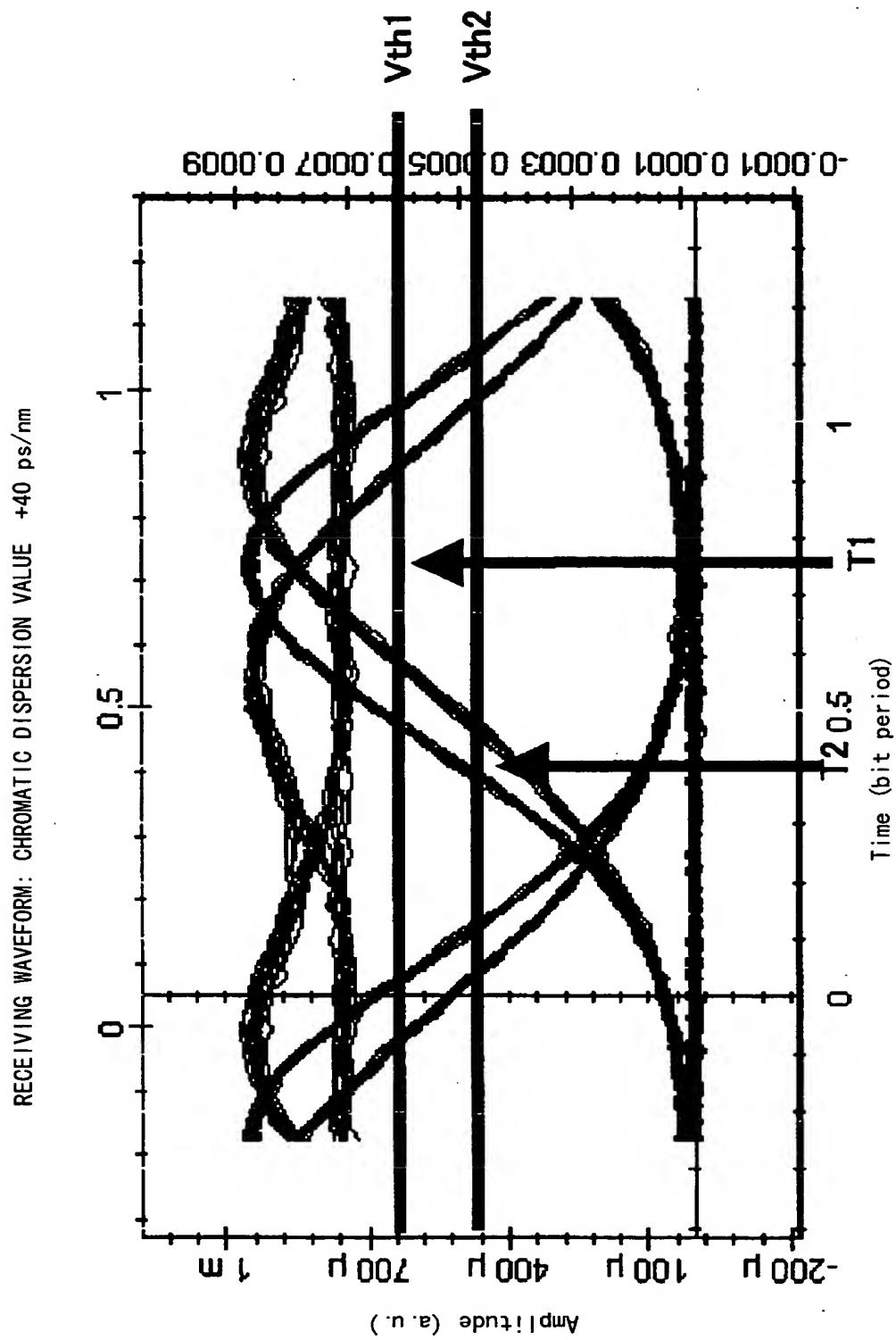


FIG. 16

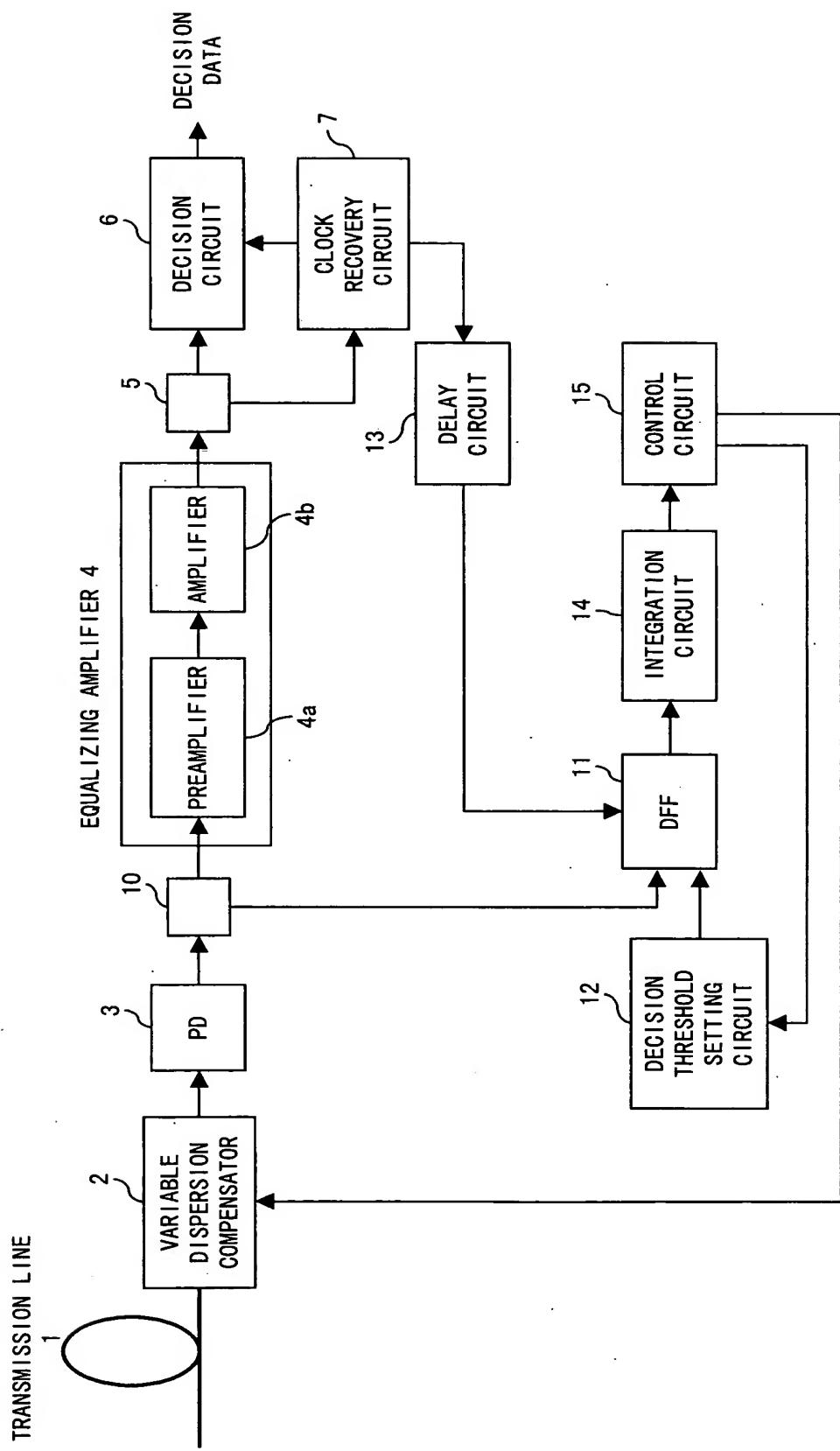
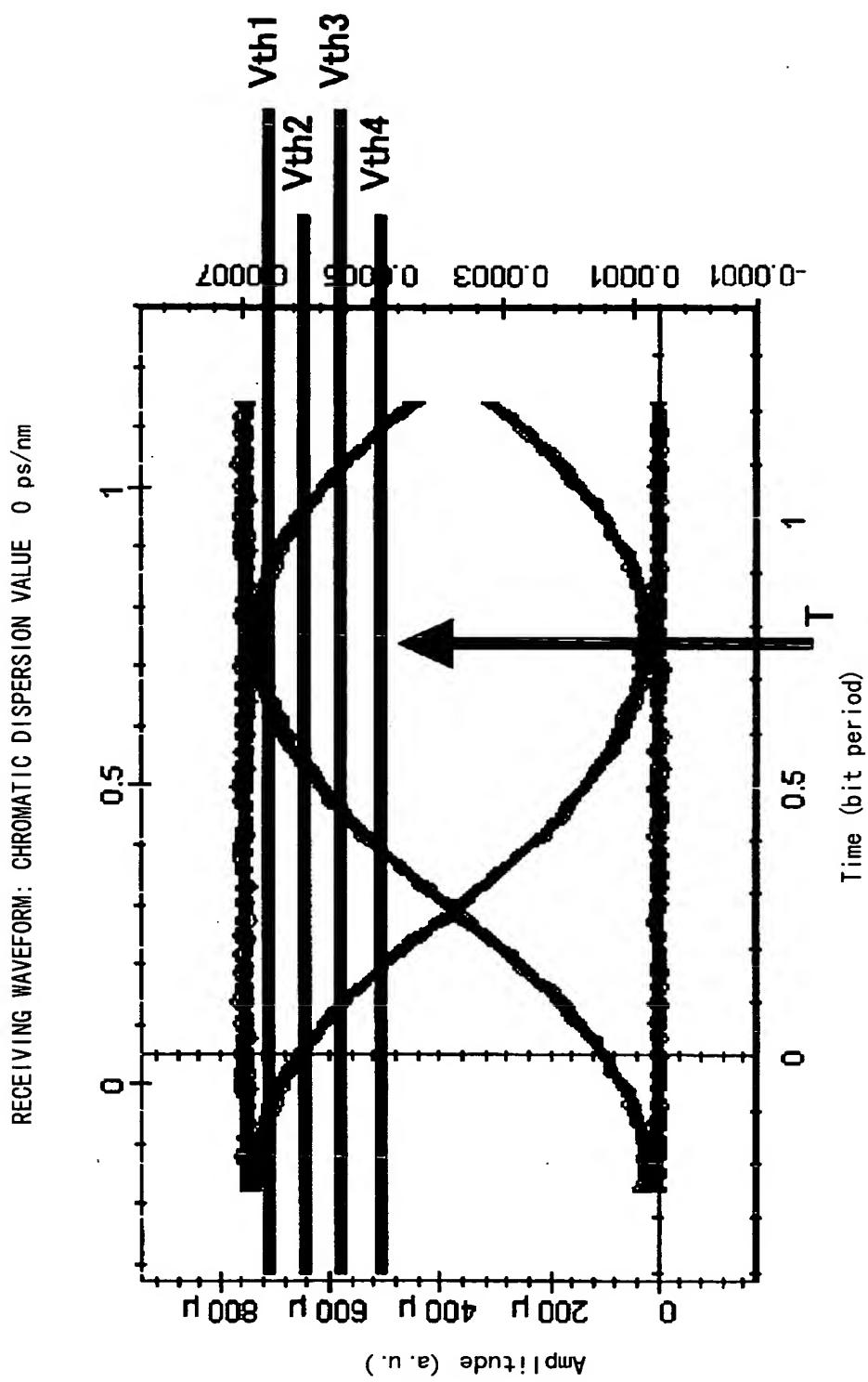


FIG. 17



F I G. 18

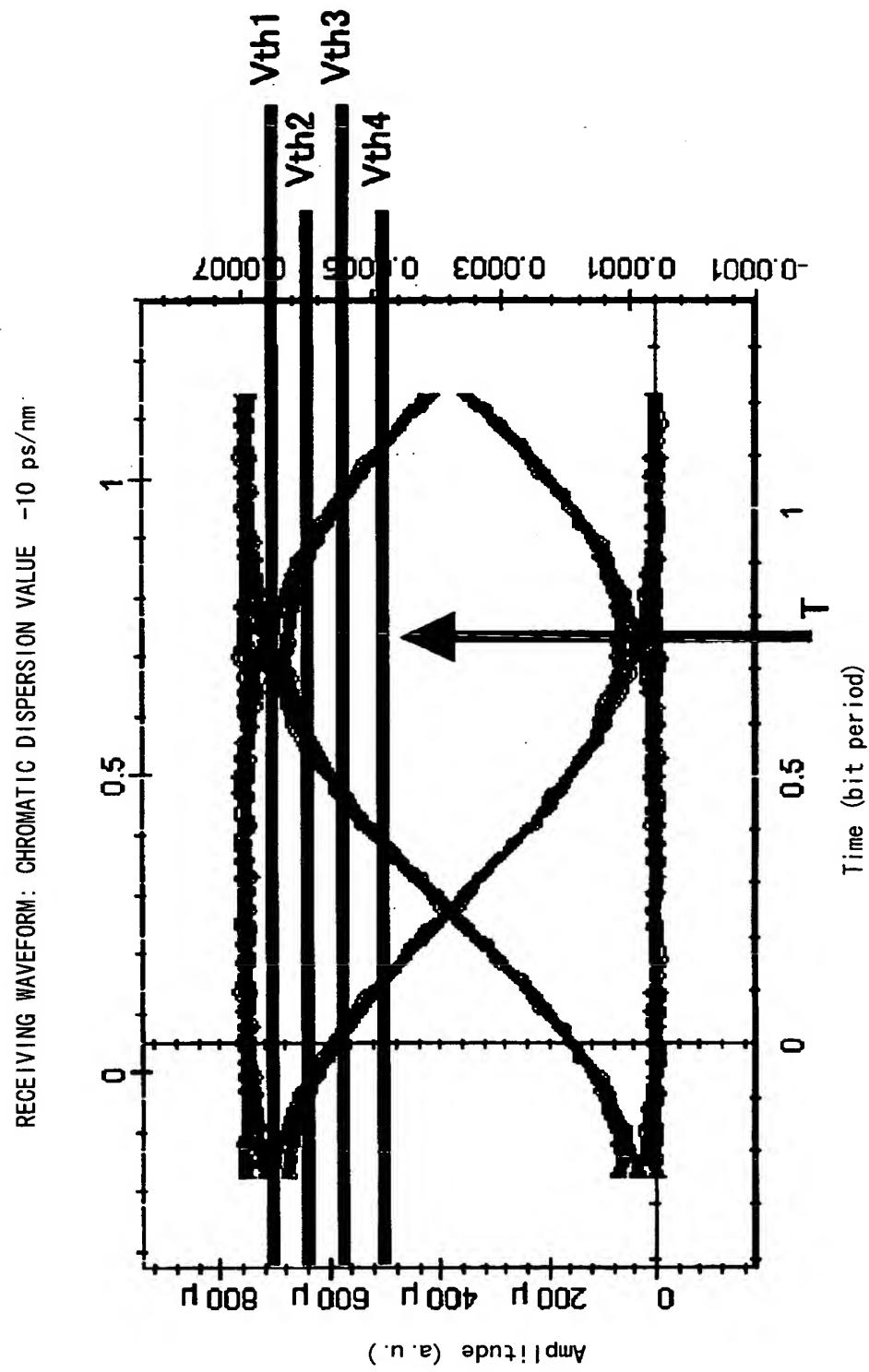


FIG. 19

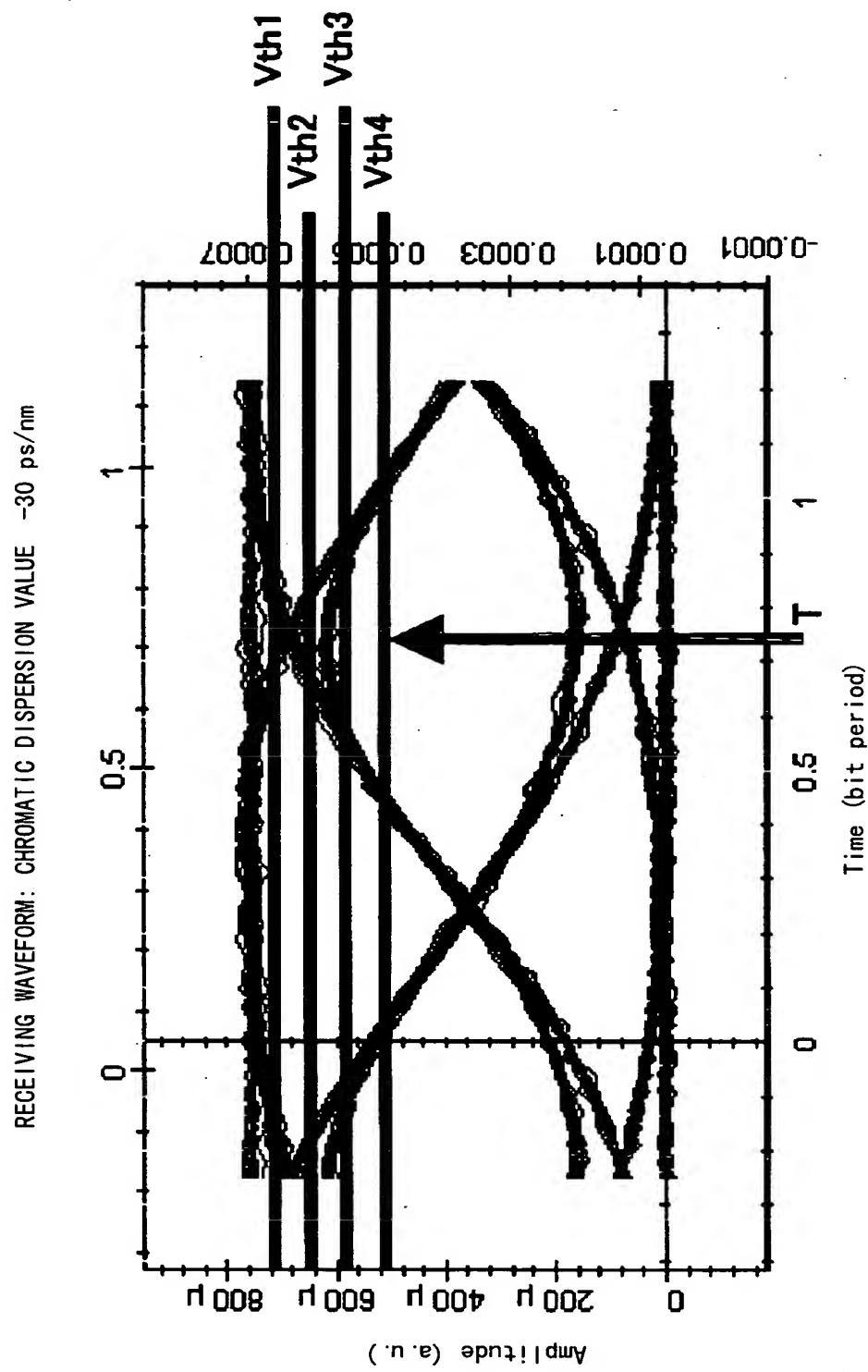
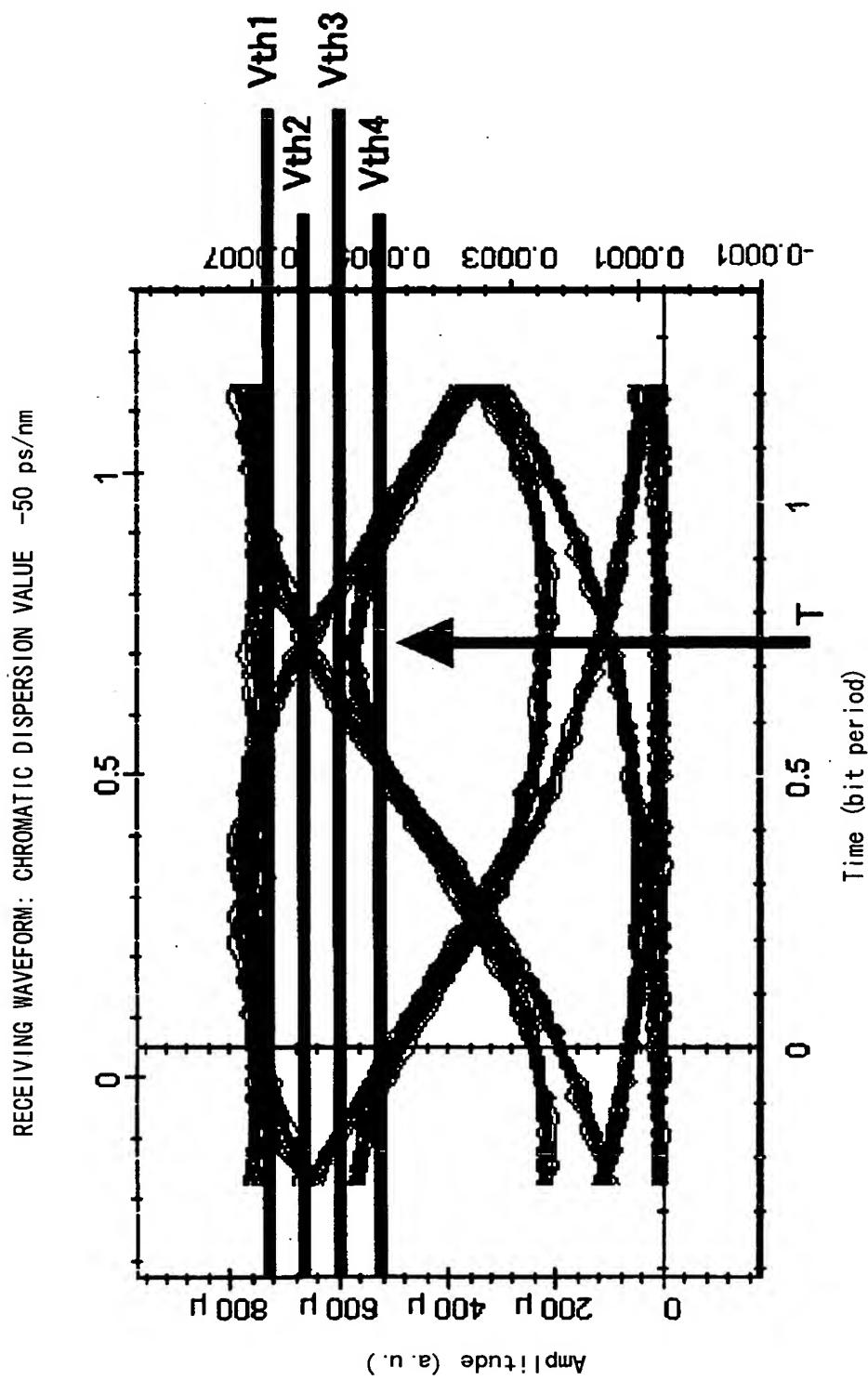
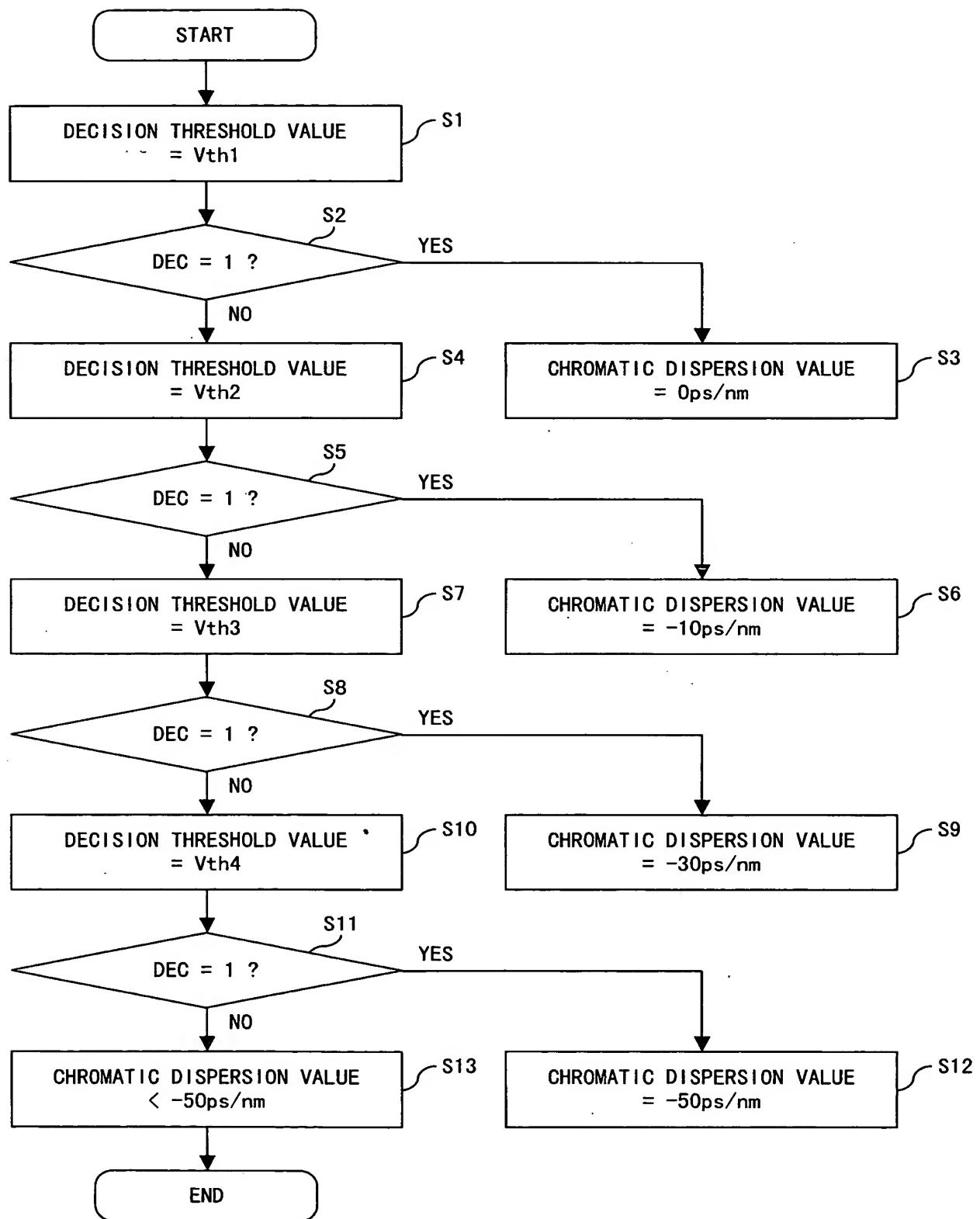


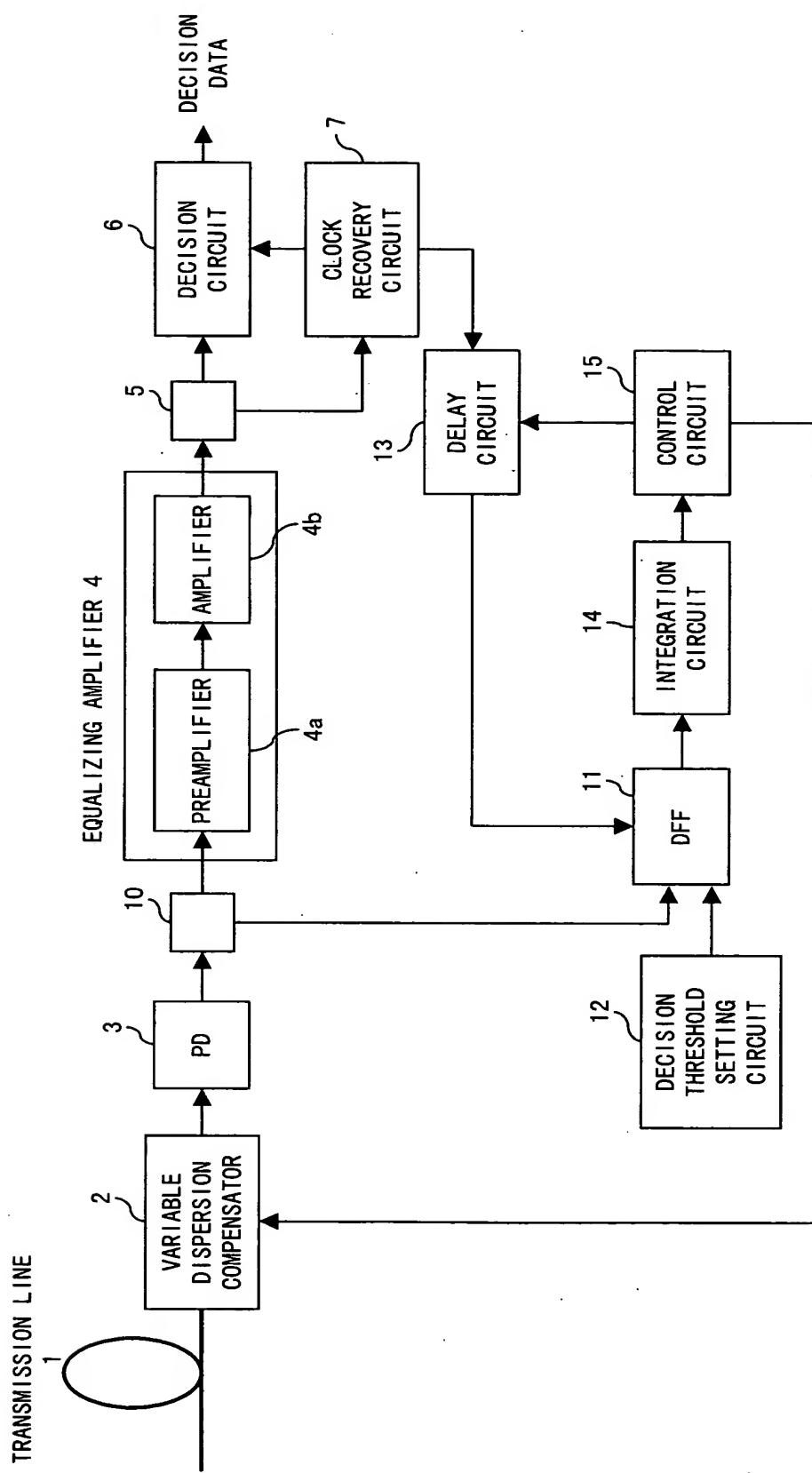
FIG. 20





**F I G . 2 1**

FIG. 22



## F I G. 23

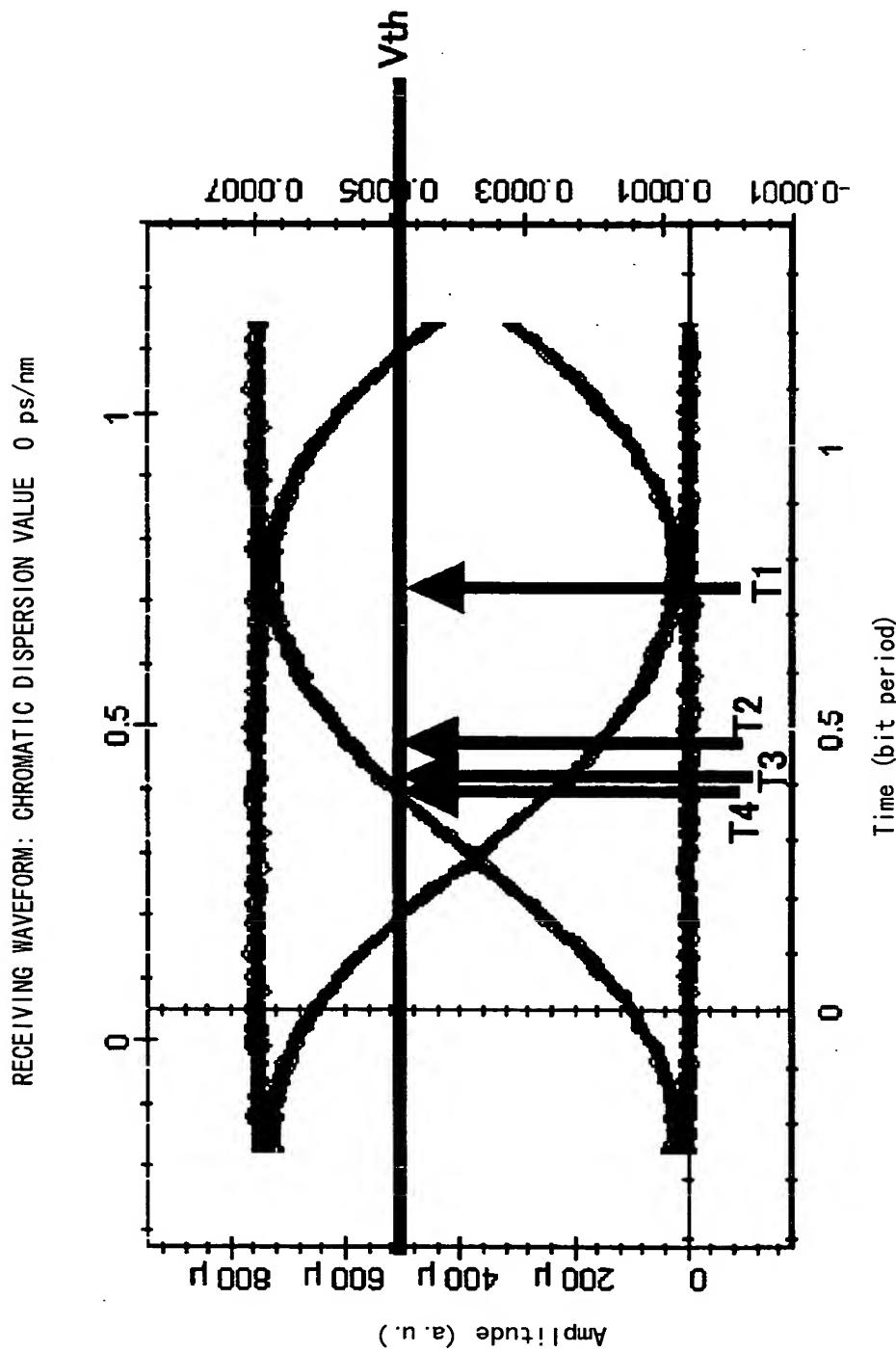


FIG. 24

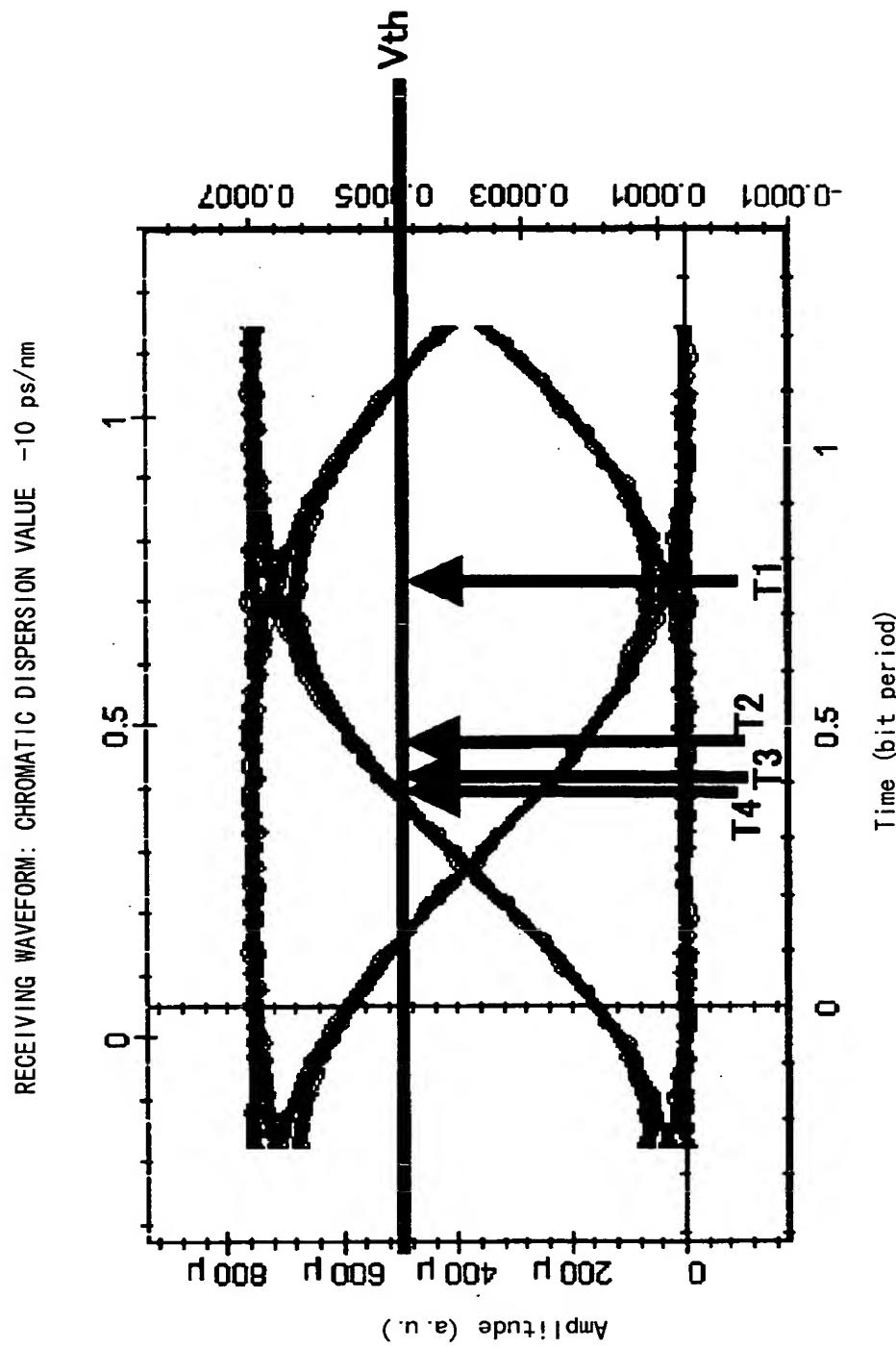


FIG. 25

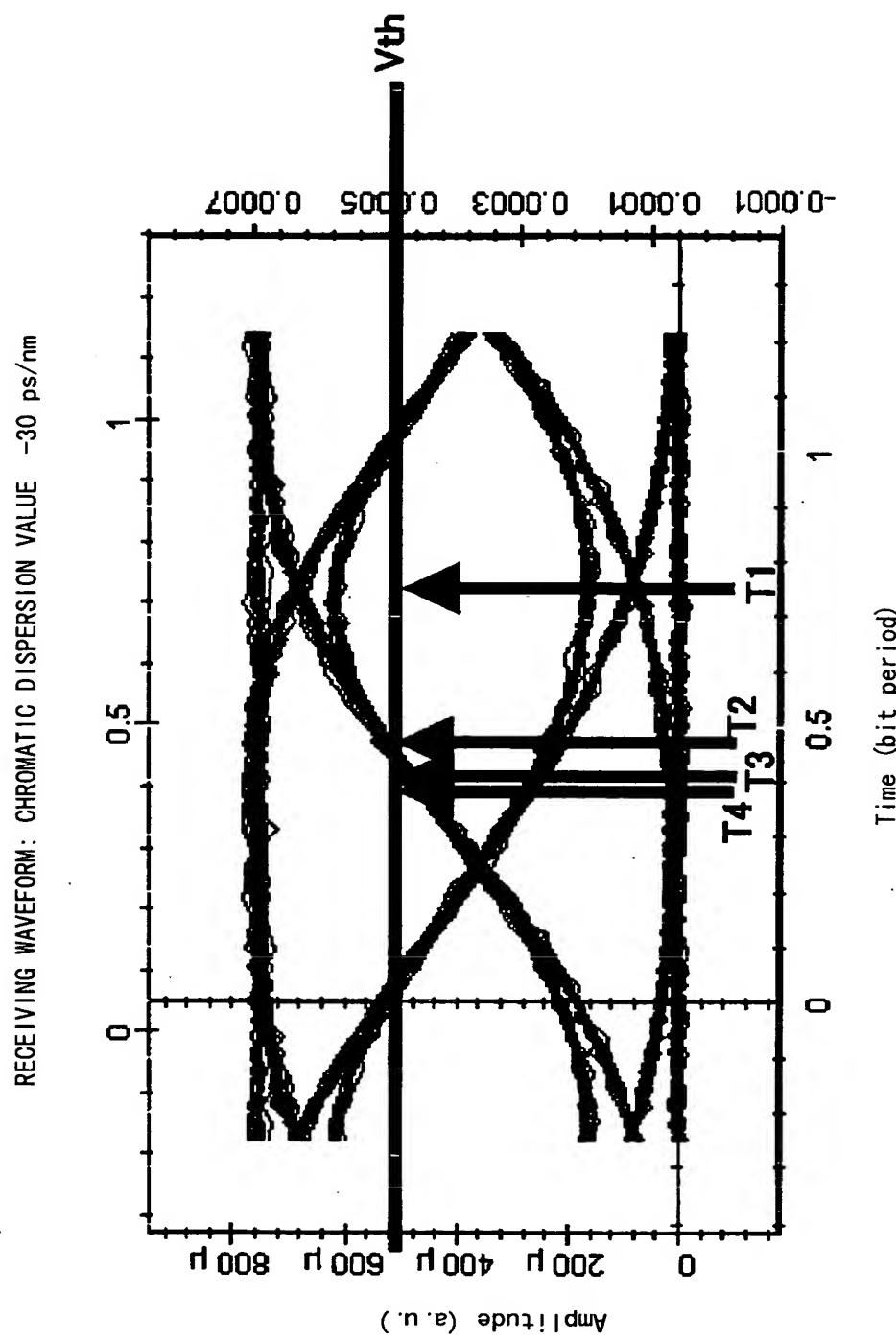
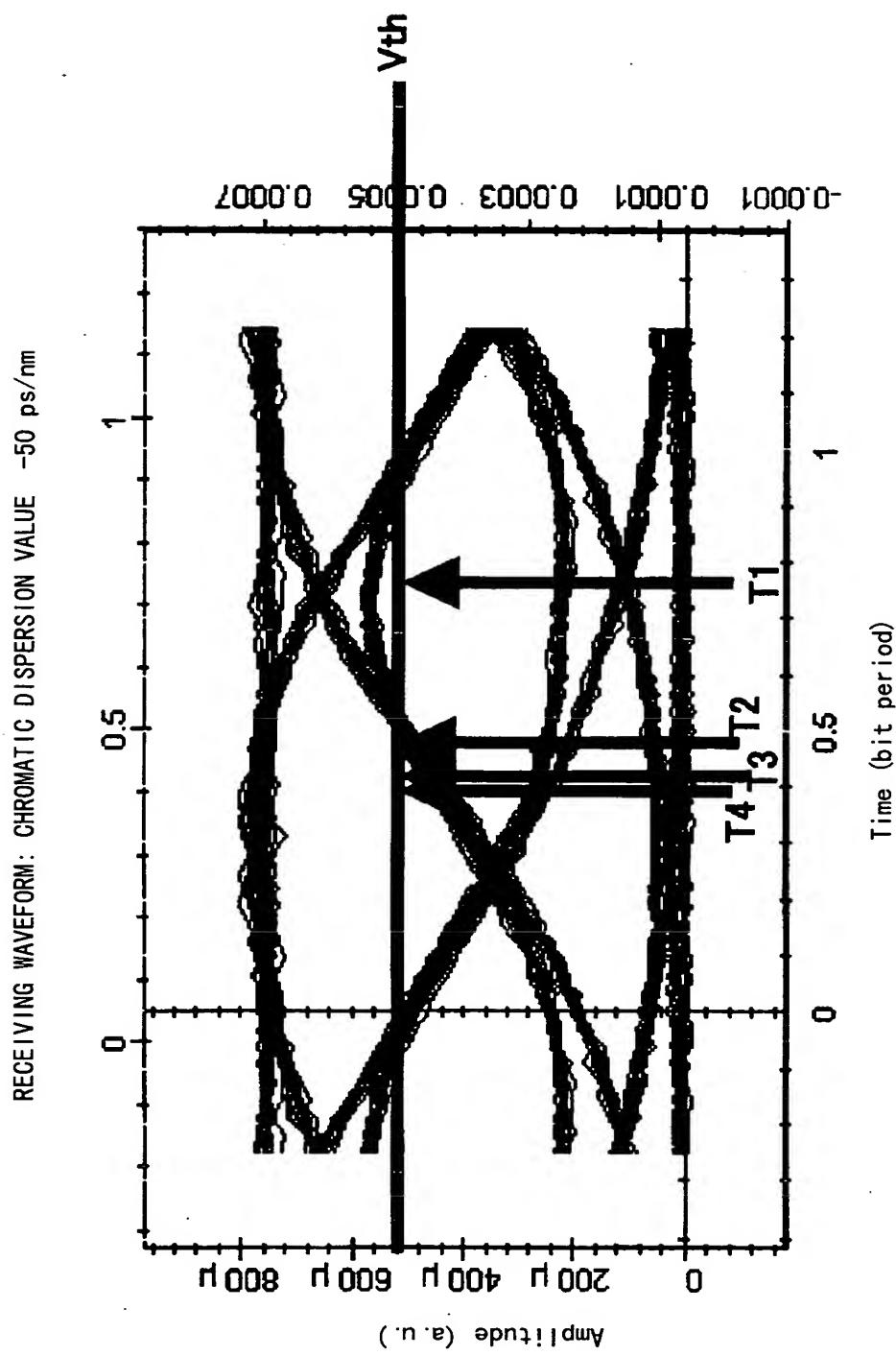
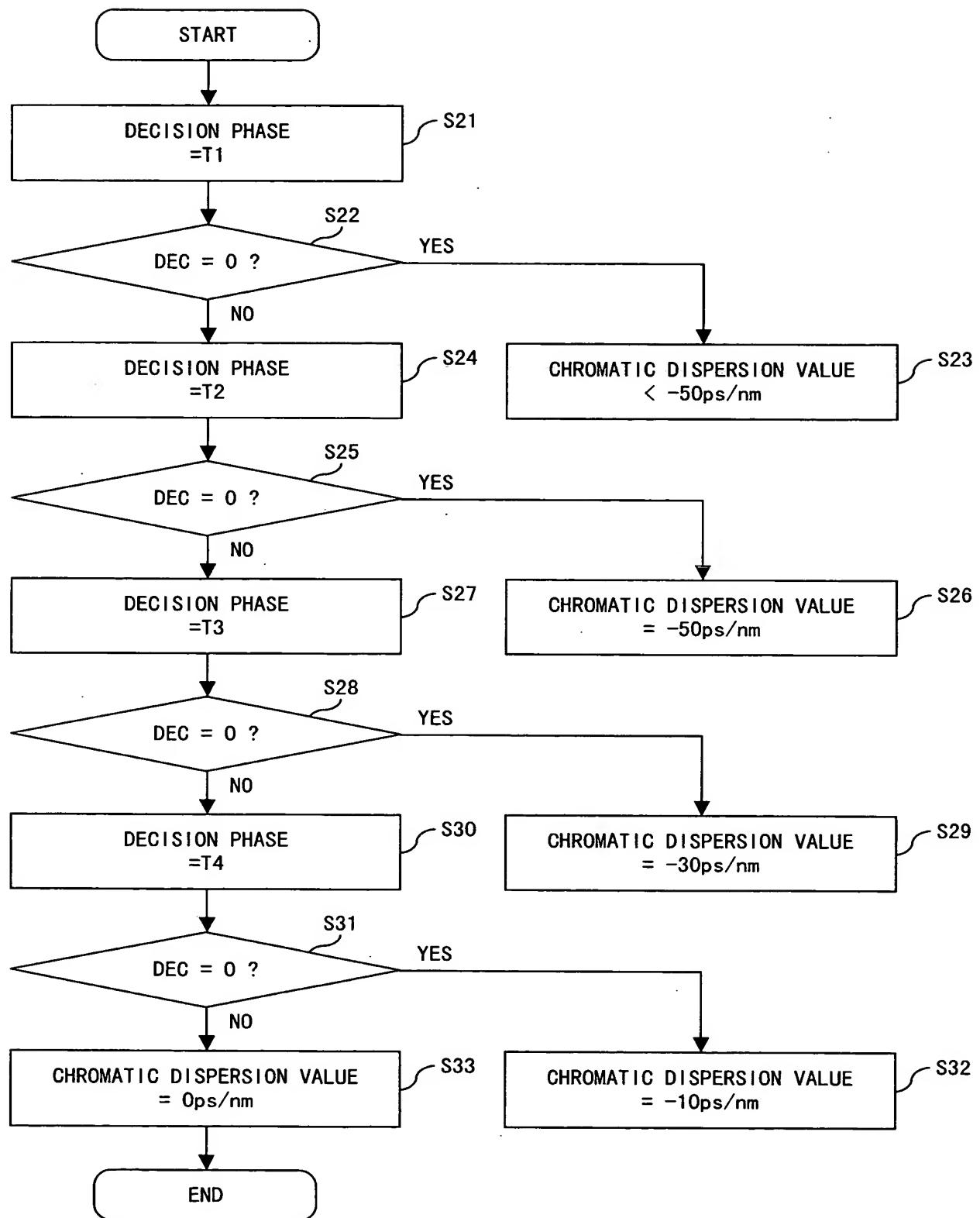


FIG. 26





F I G. 27

F I G. 28

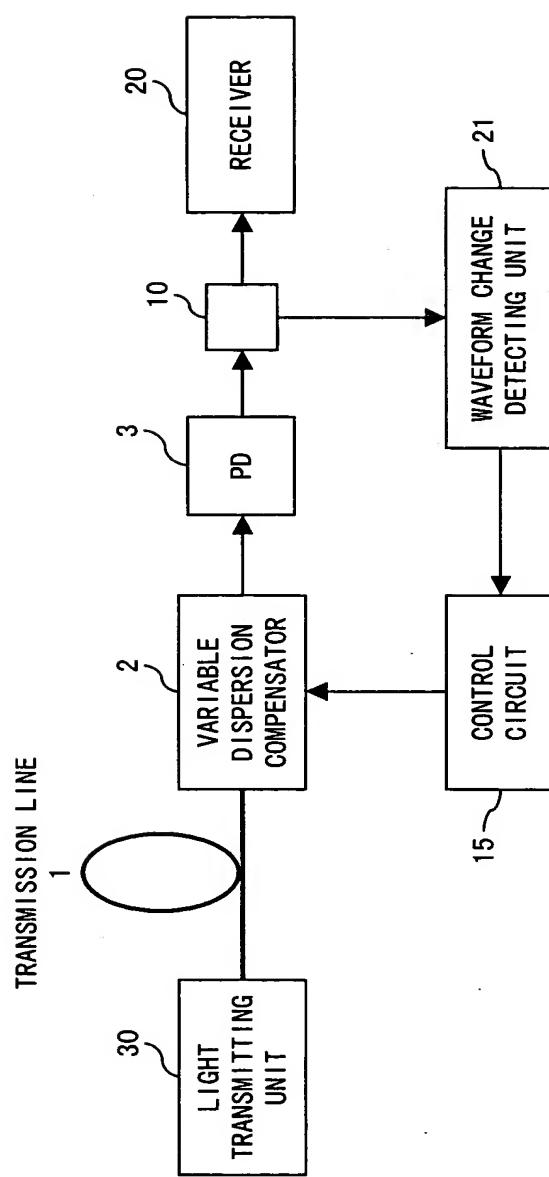


FIG. 29

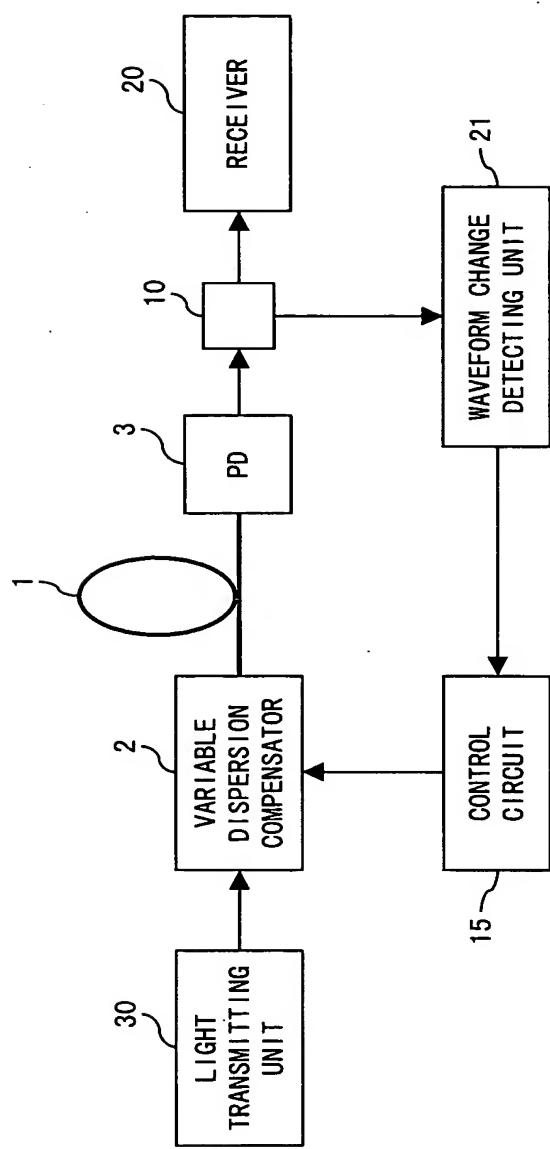


FIG. 30

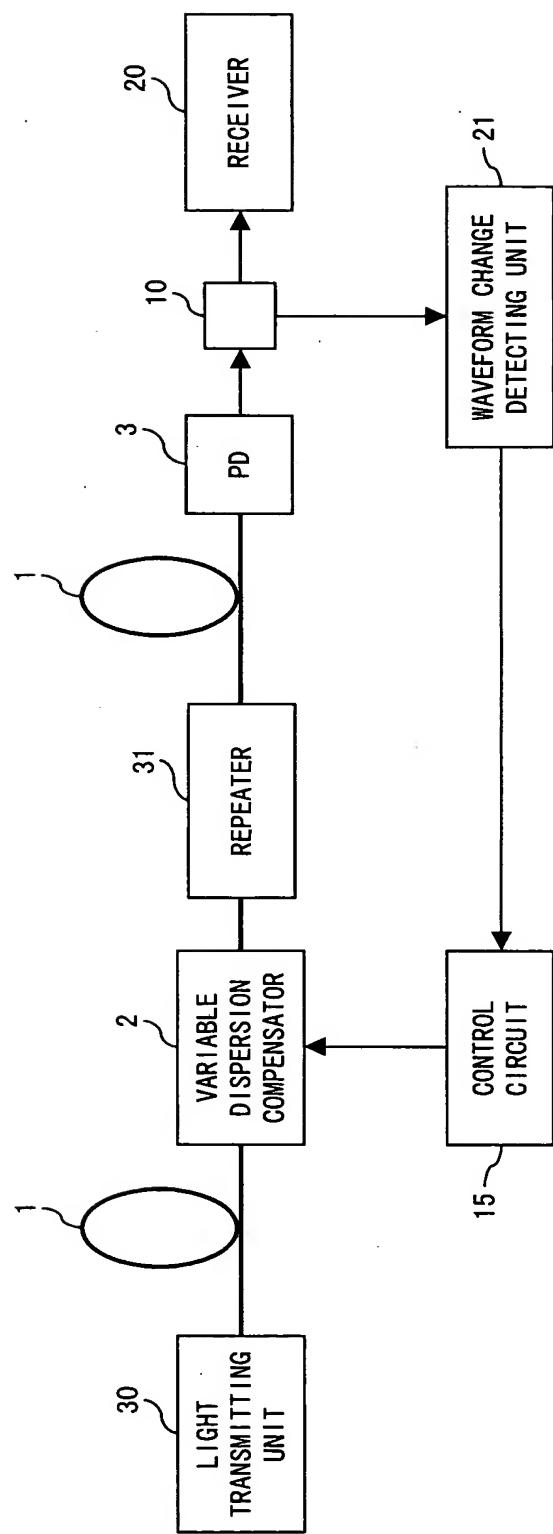


FIG. 31

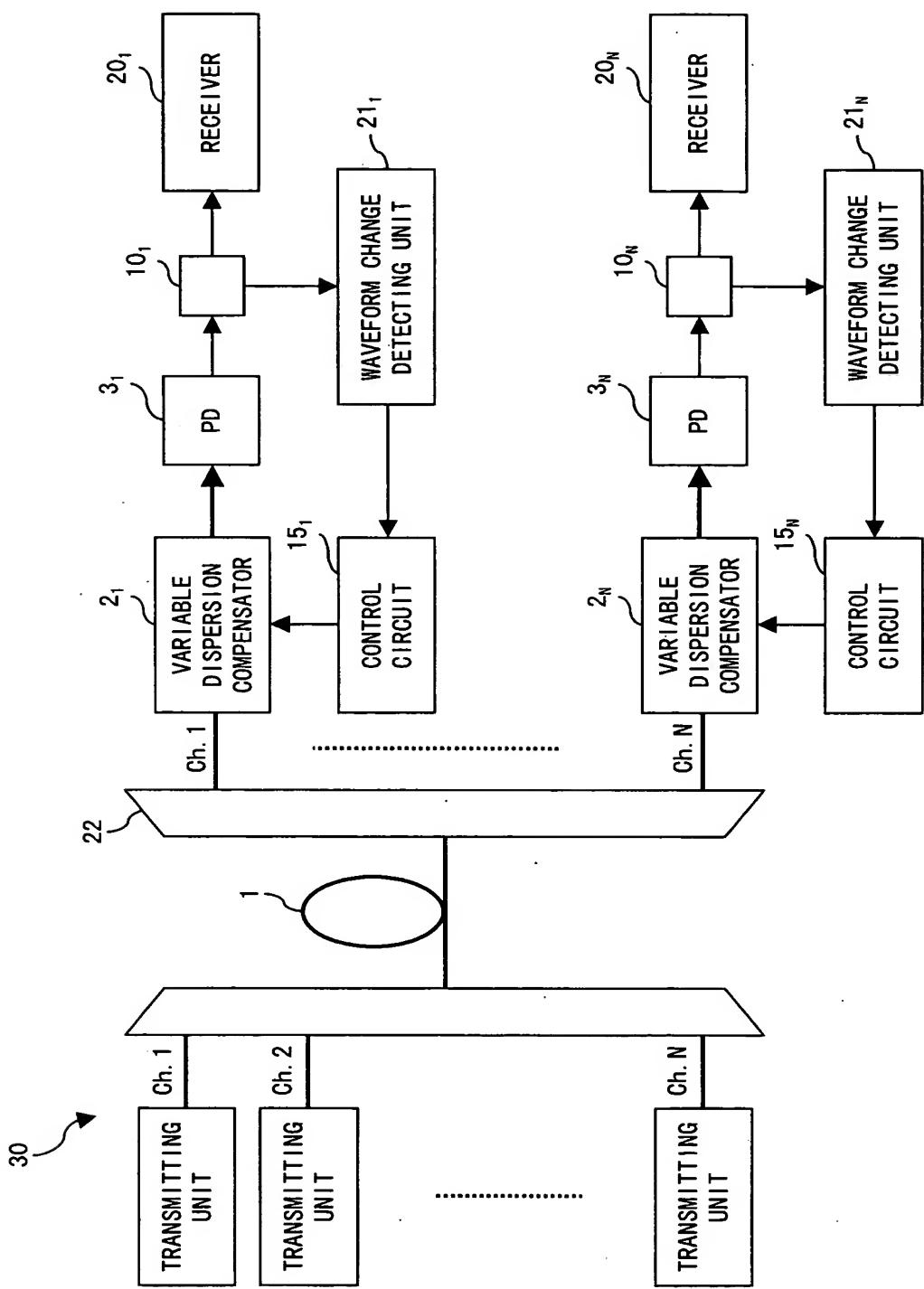
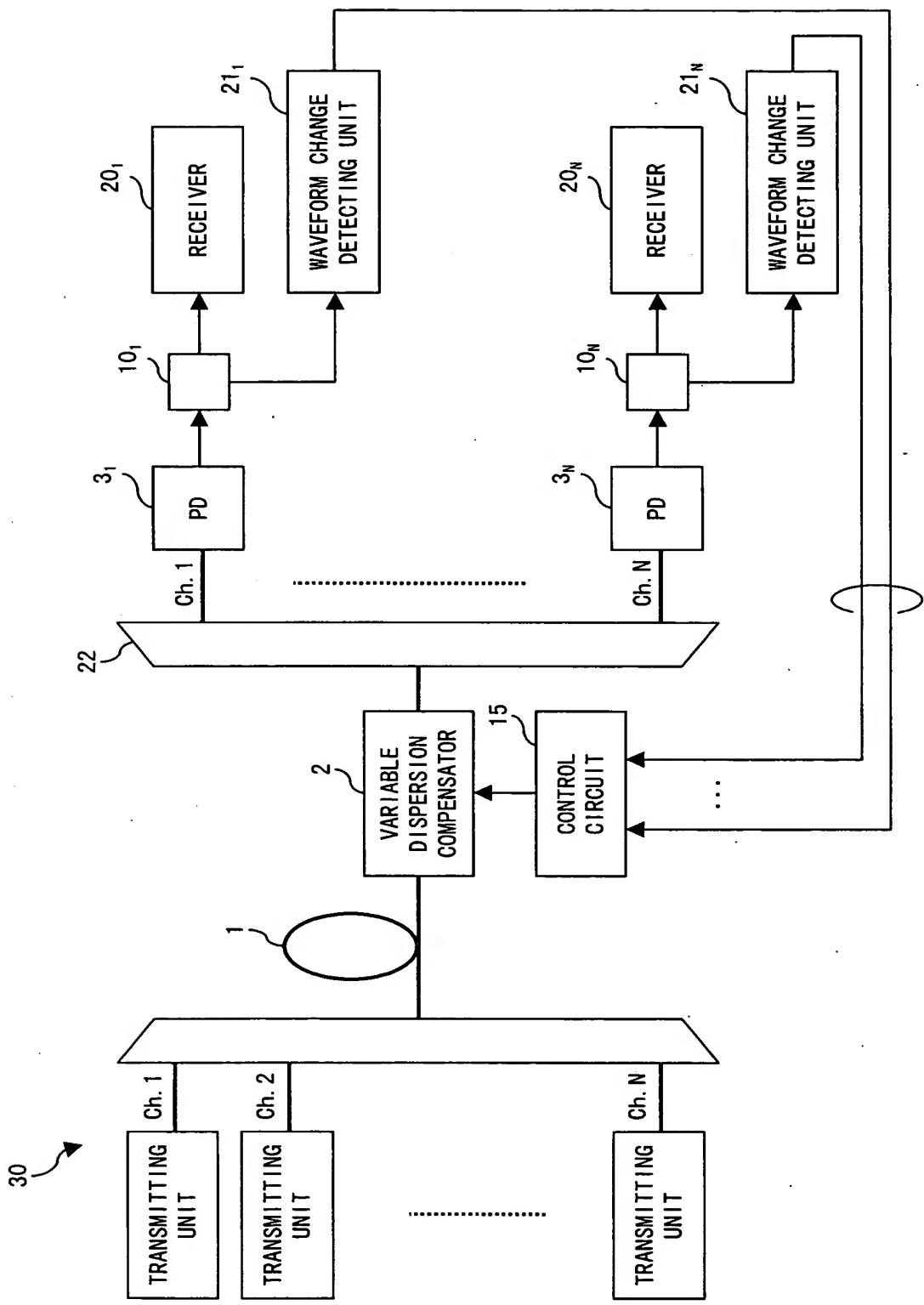
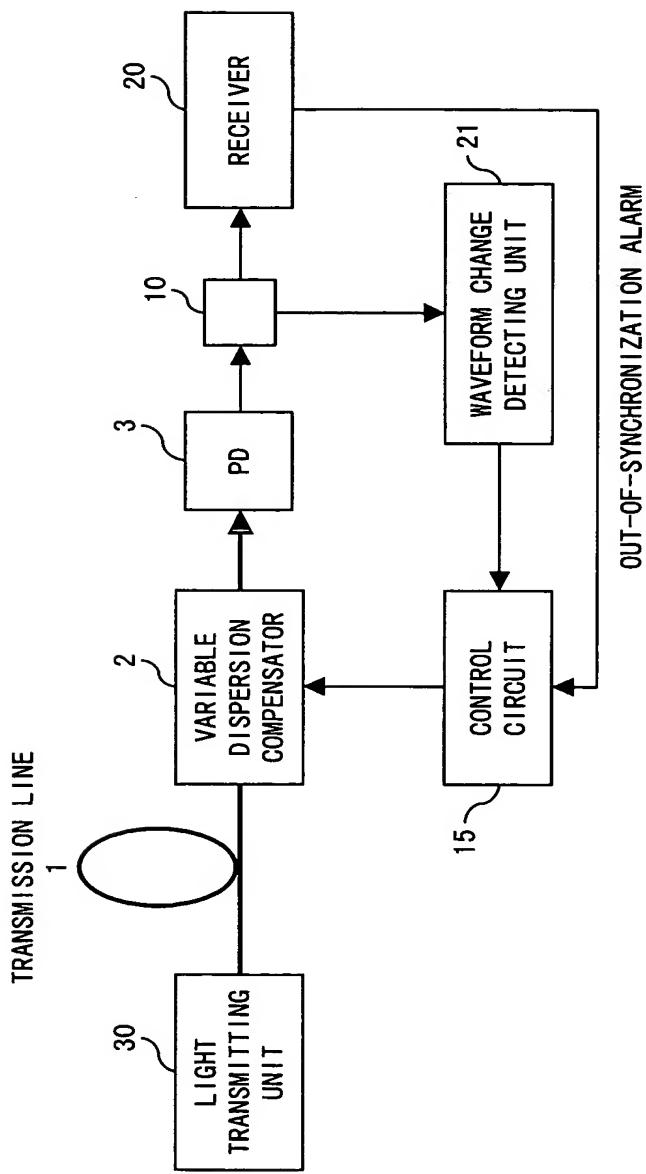


FIG. 32



F I G. 3 3



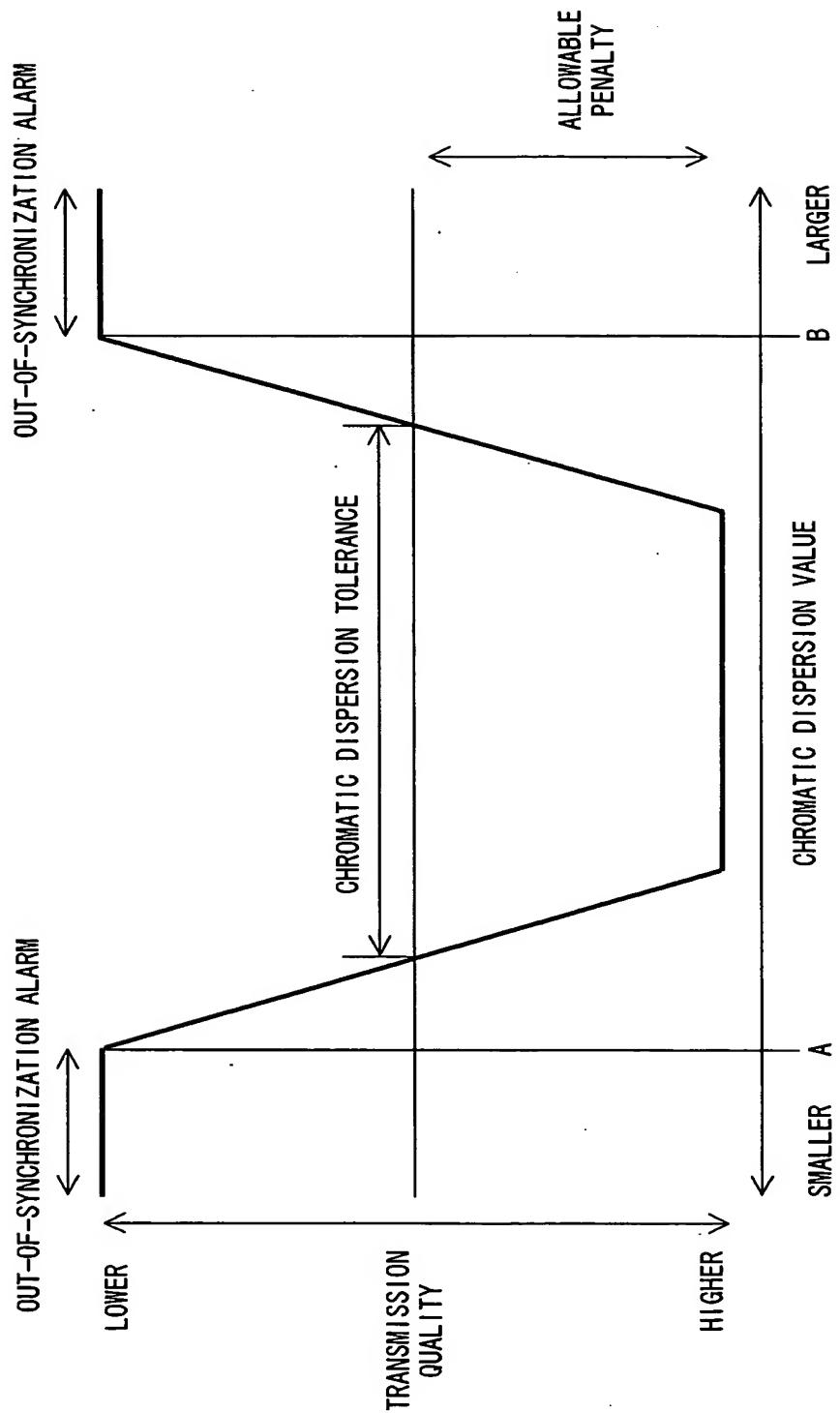


FIG. 34

FIG. 35

RECEIVING WAVEFORM: CHROMATIC DISPERSION VALUE -1700 ps/nm

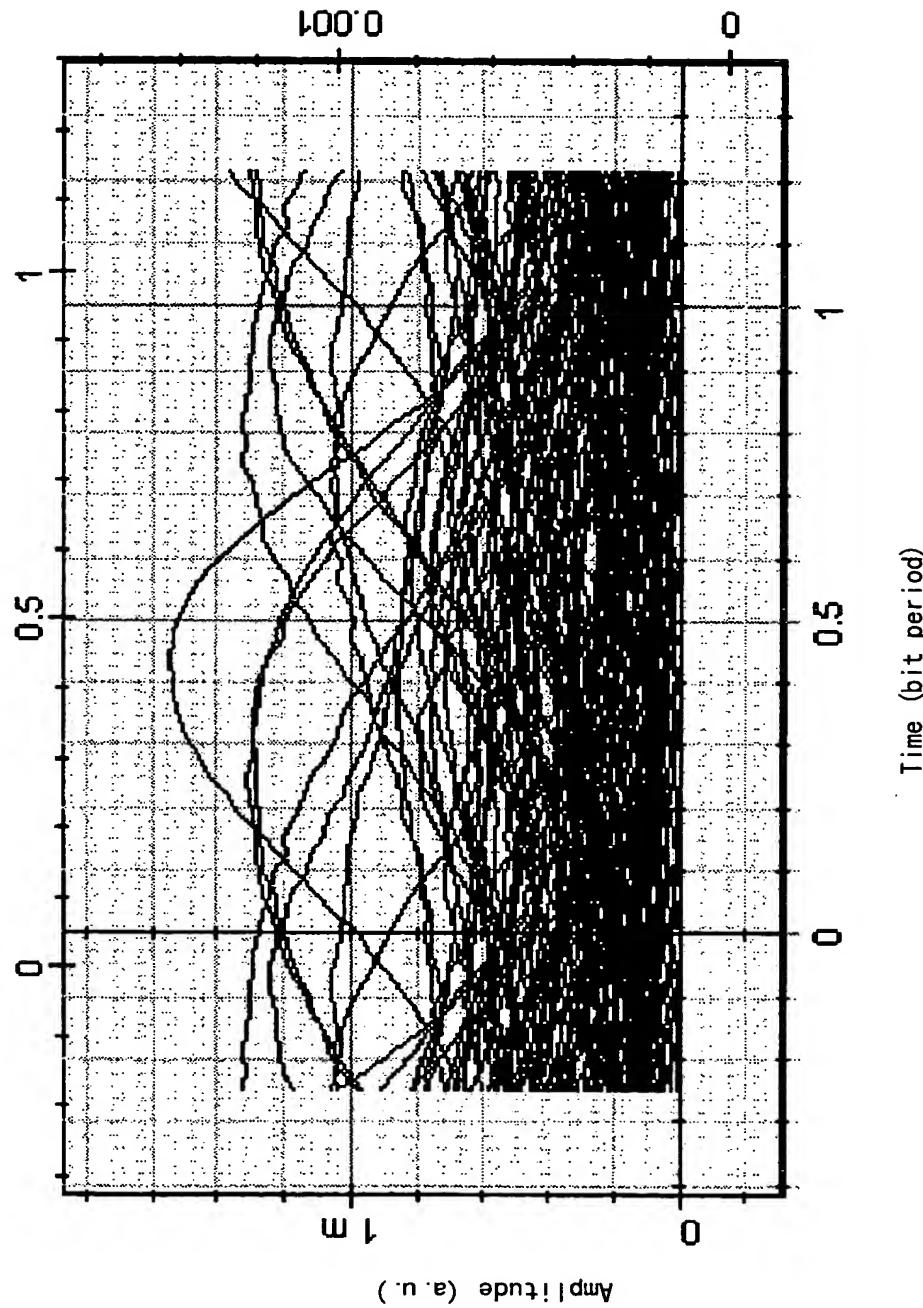
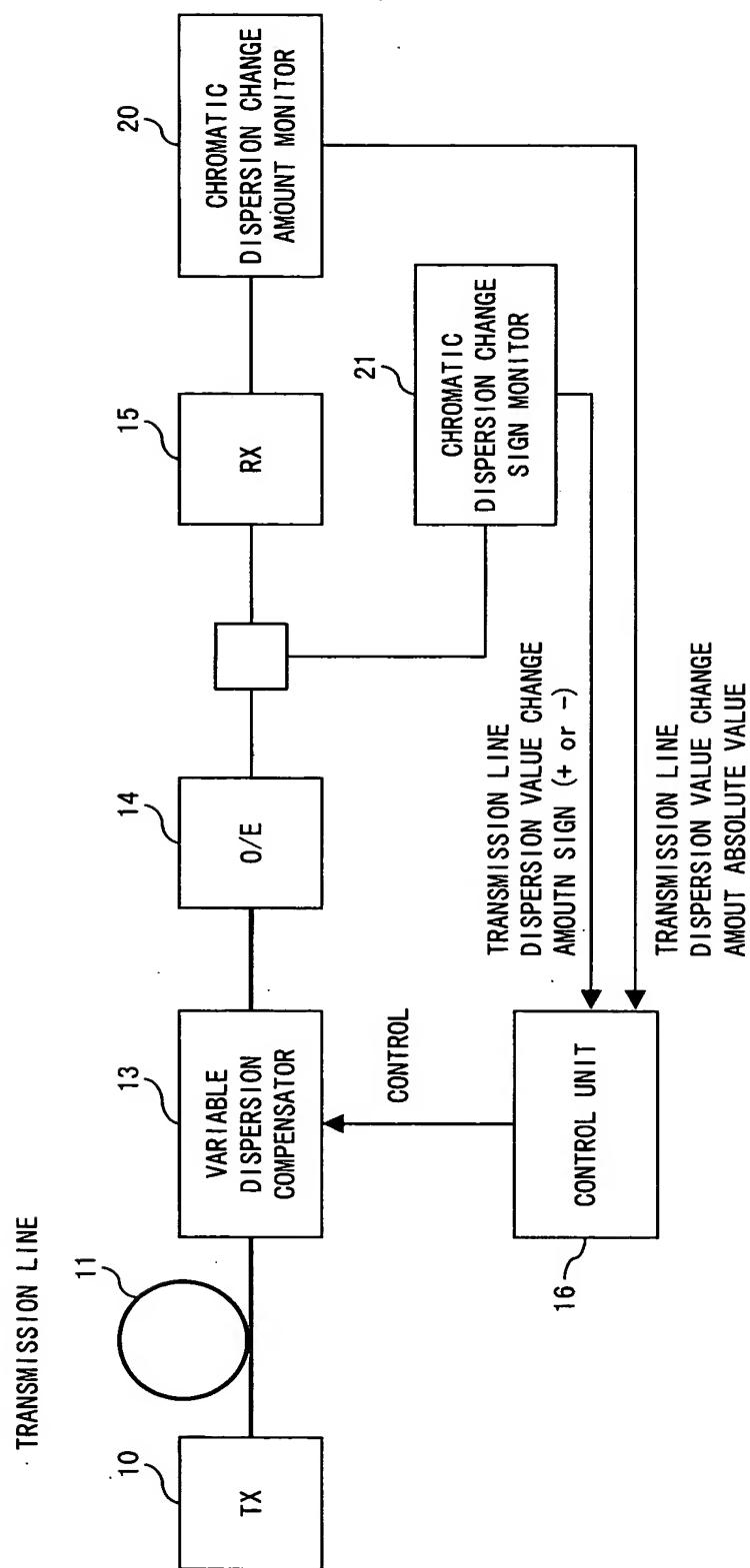
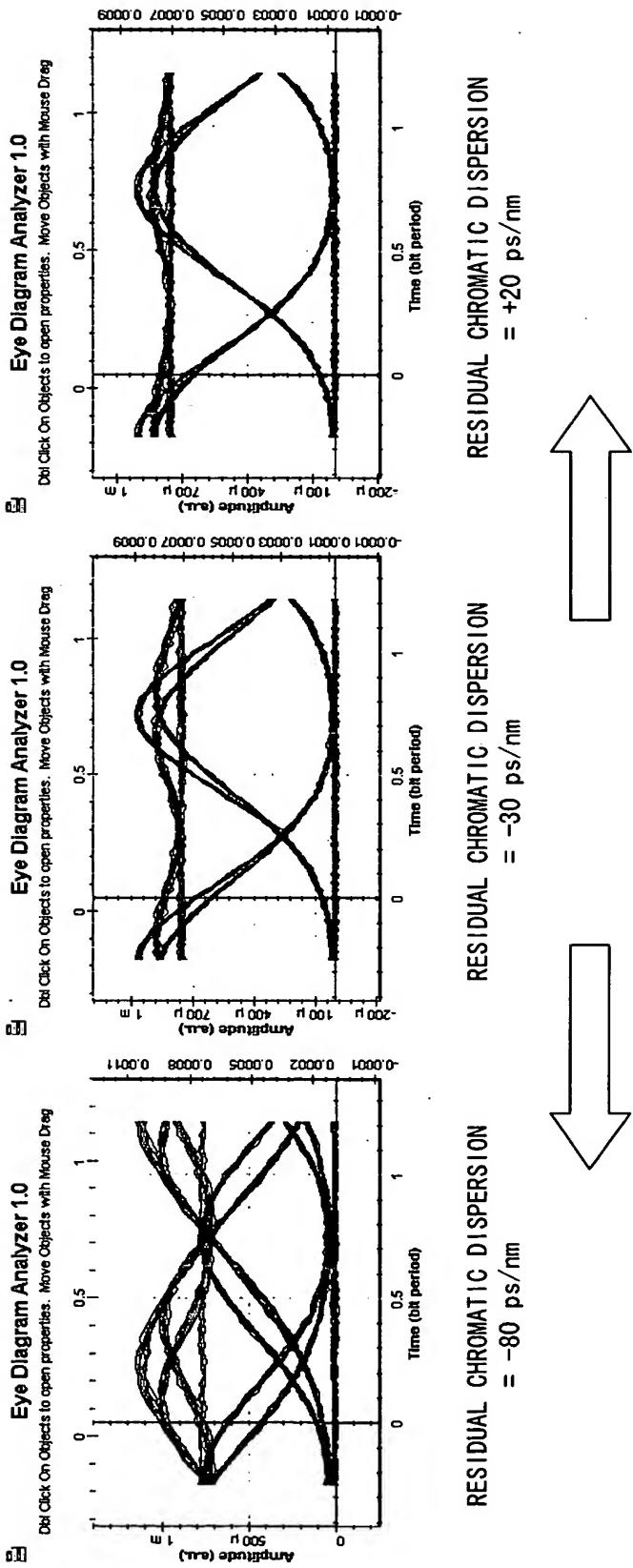


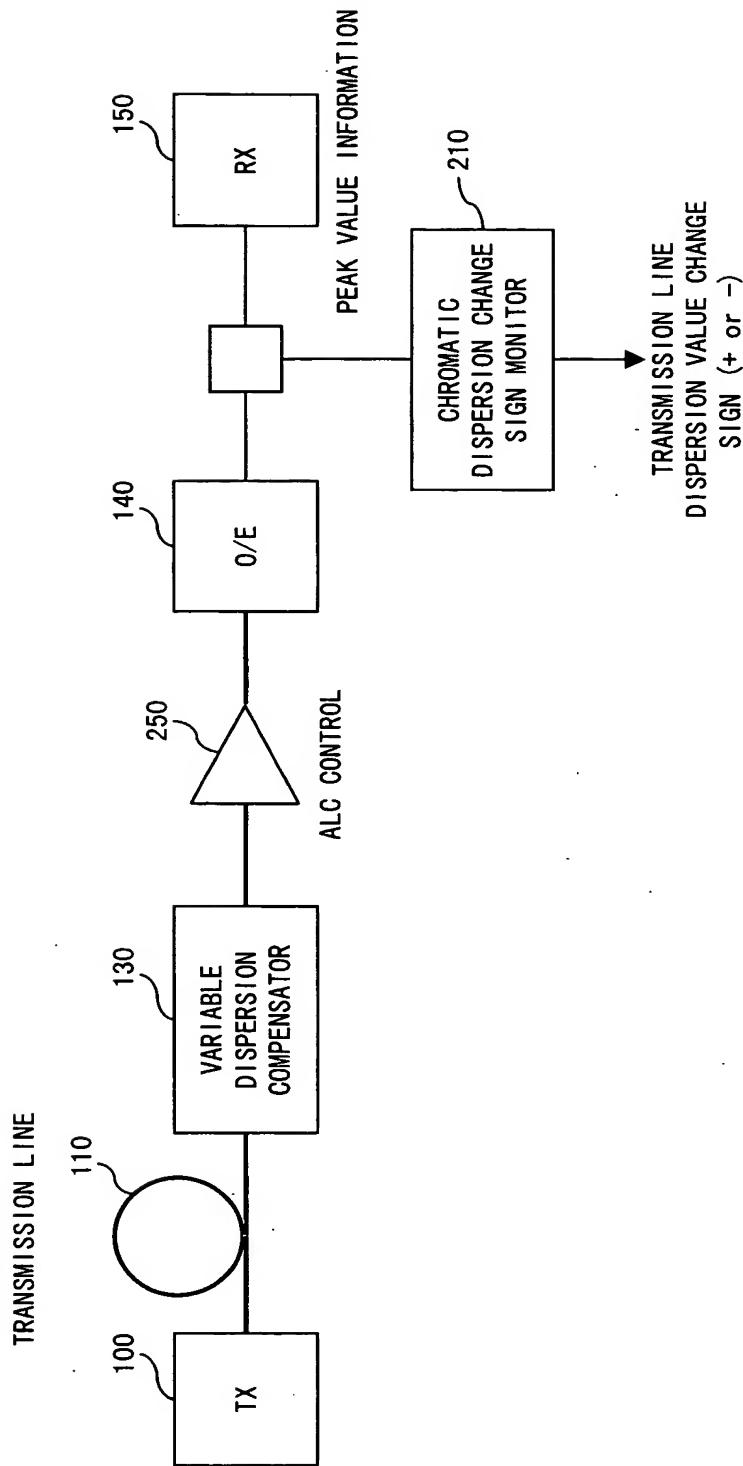
FIG. 36



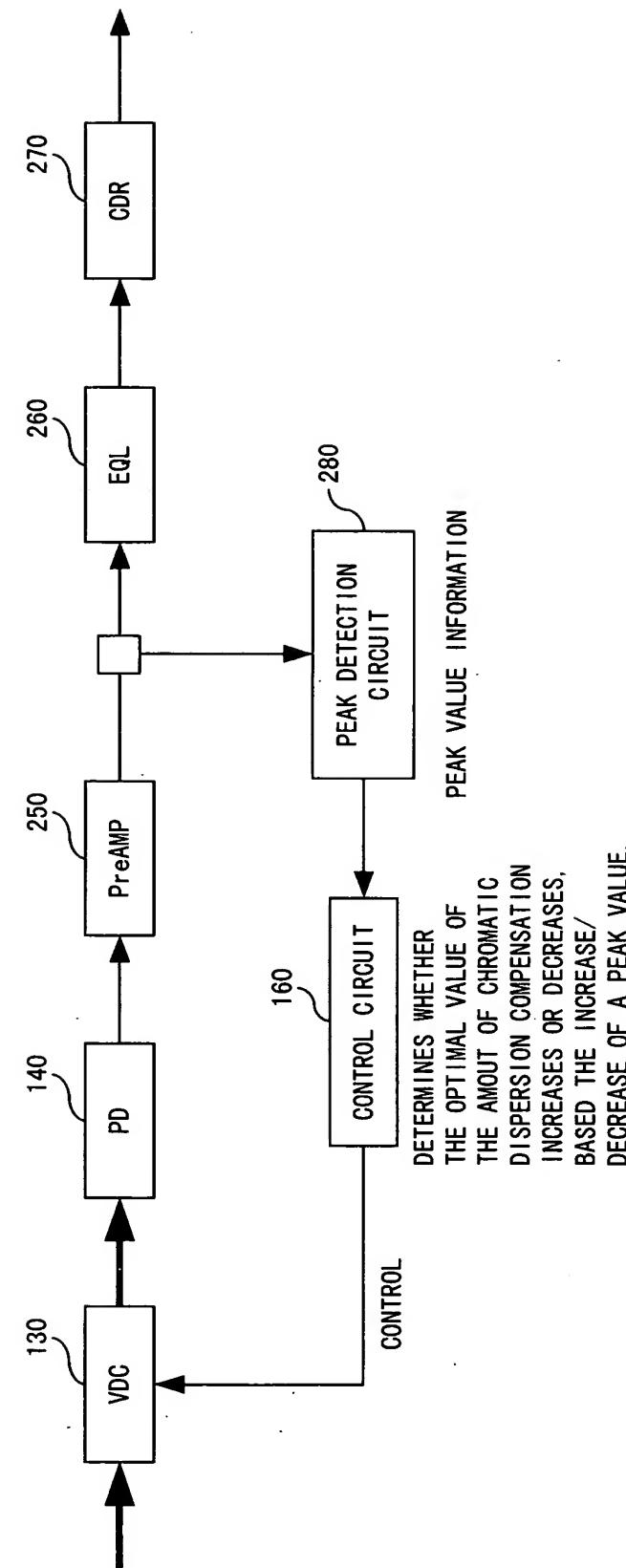
F I G. 3 7



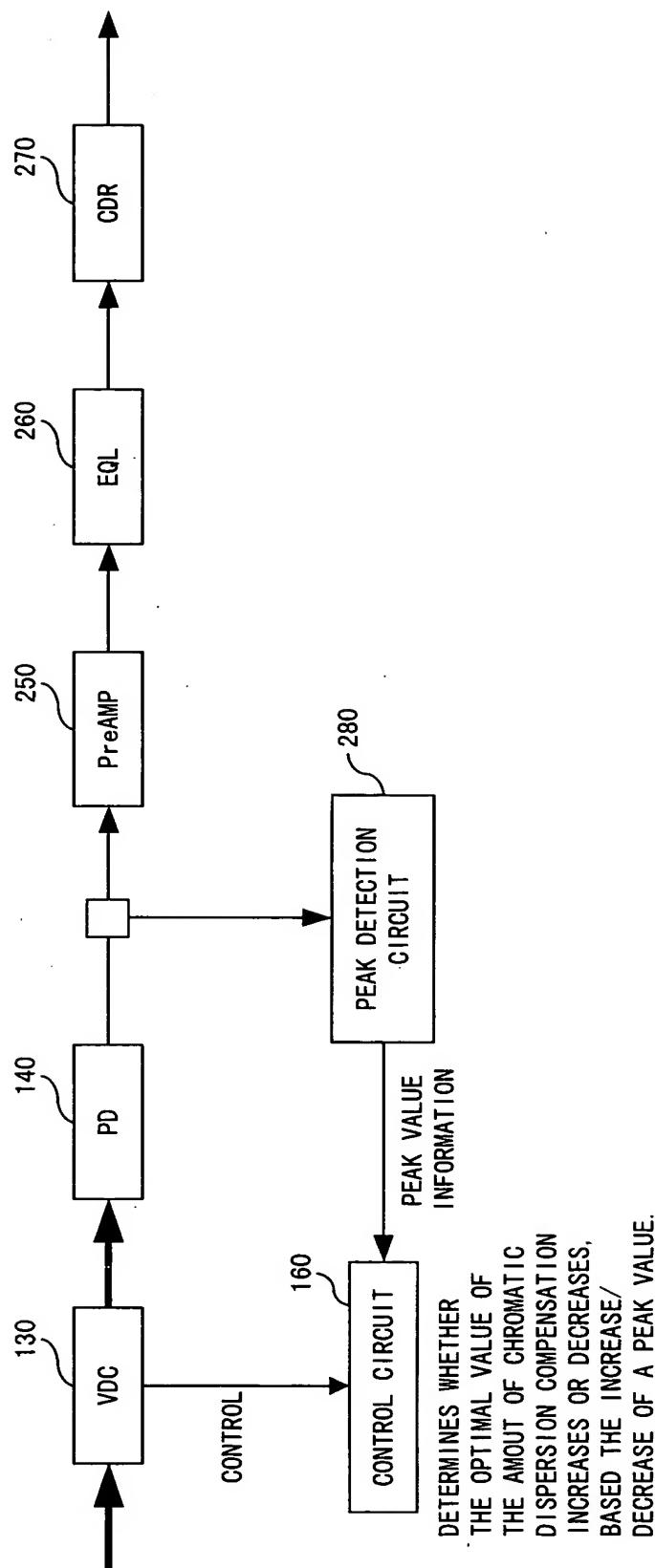
F I G. 3 8



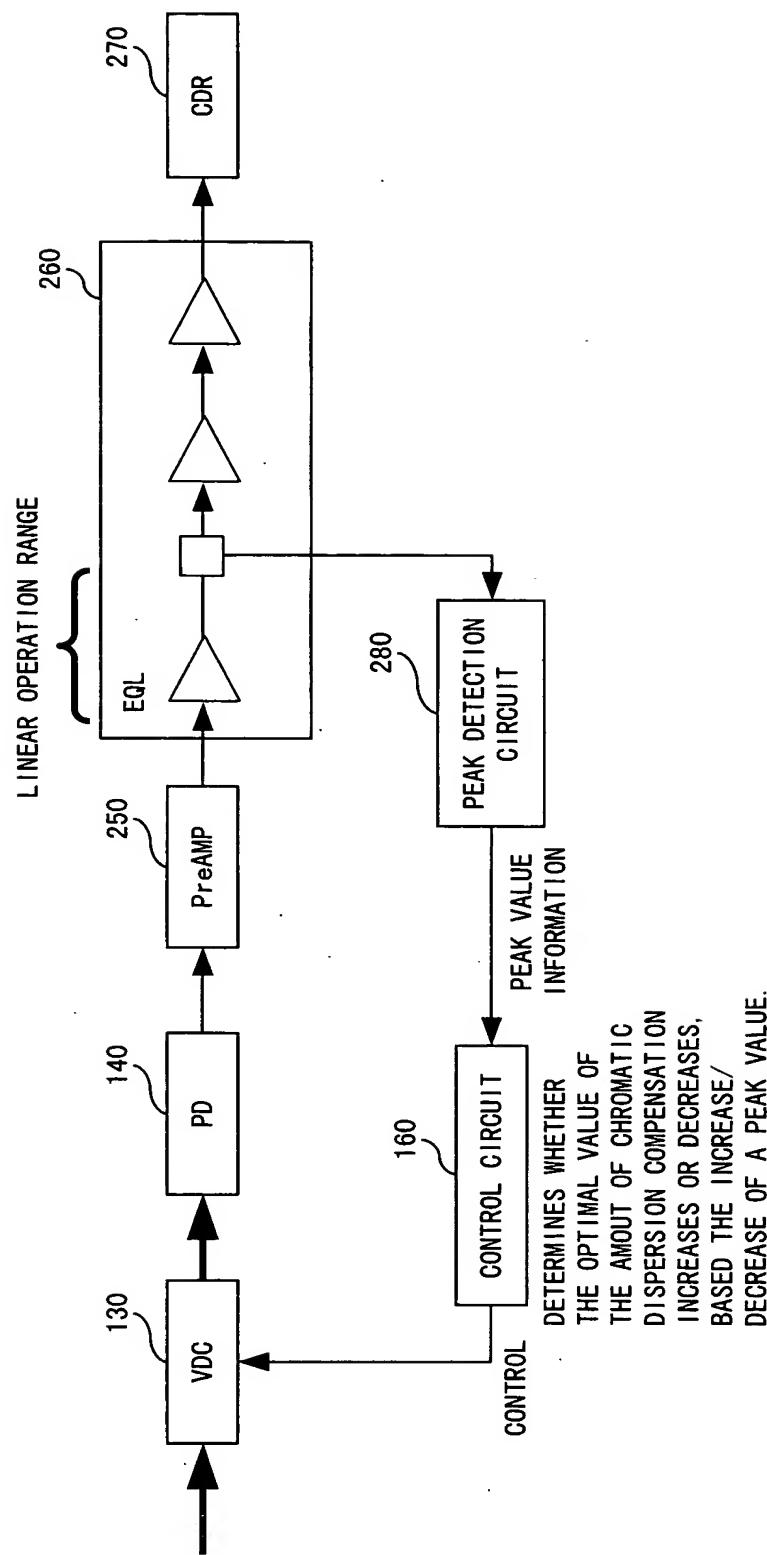
F I G. 3 9



F I G. 40



F I G. 4 1



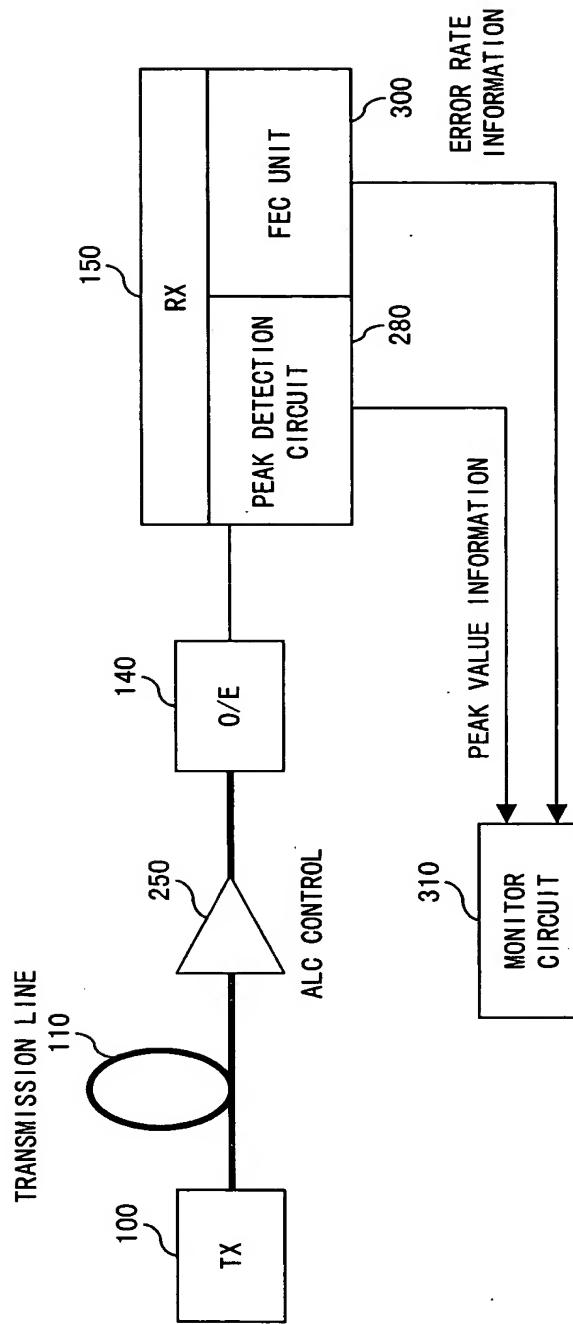
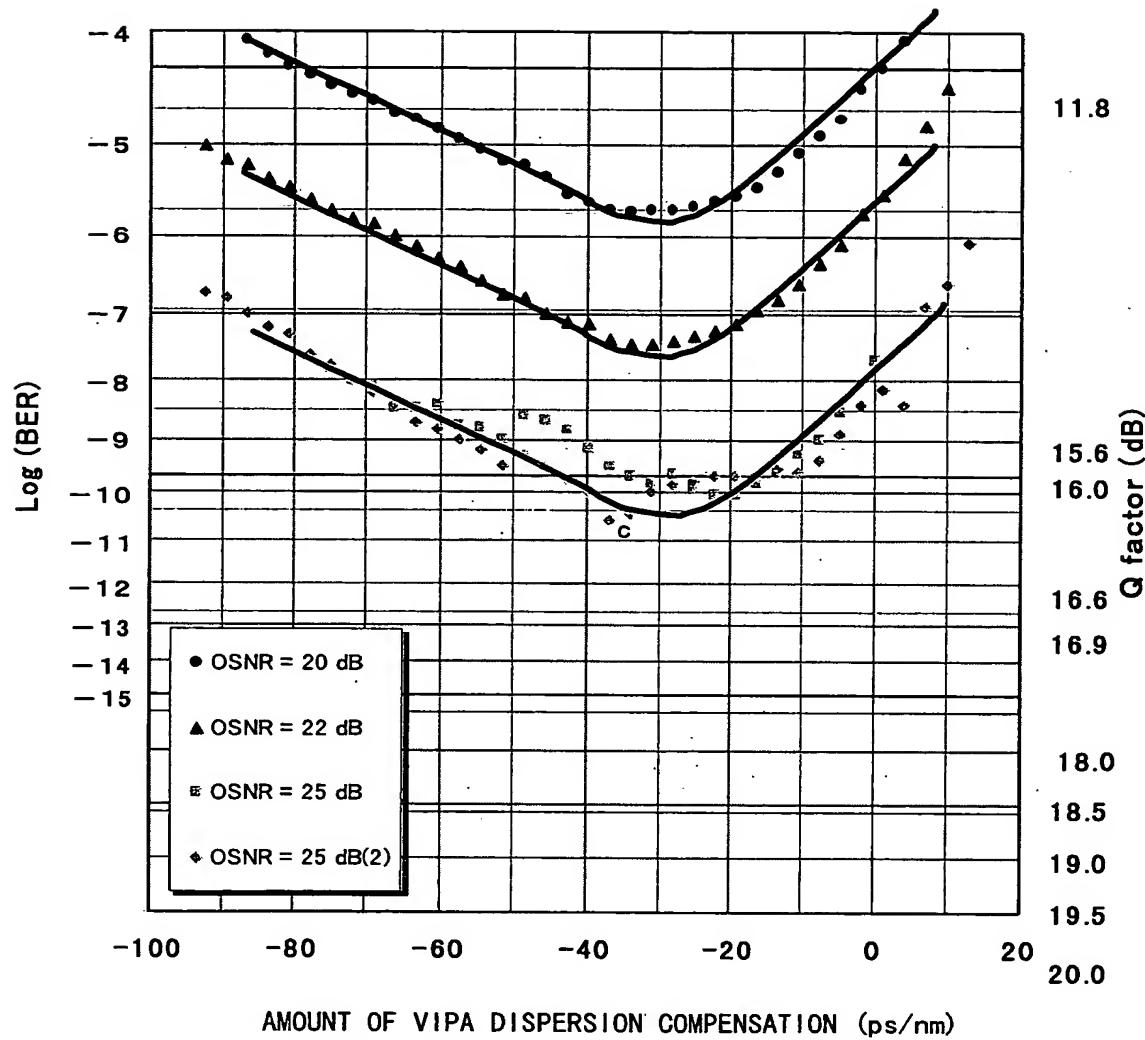
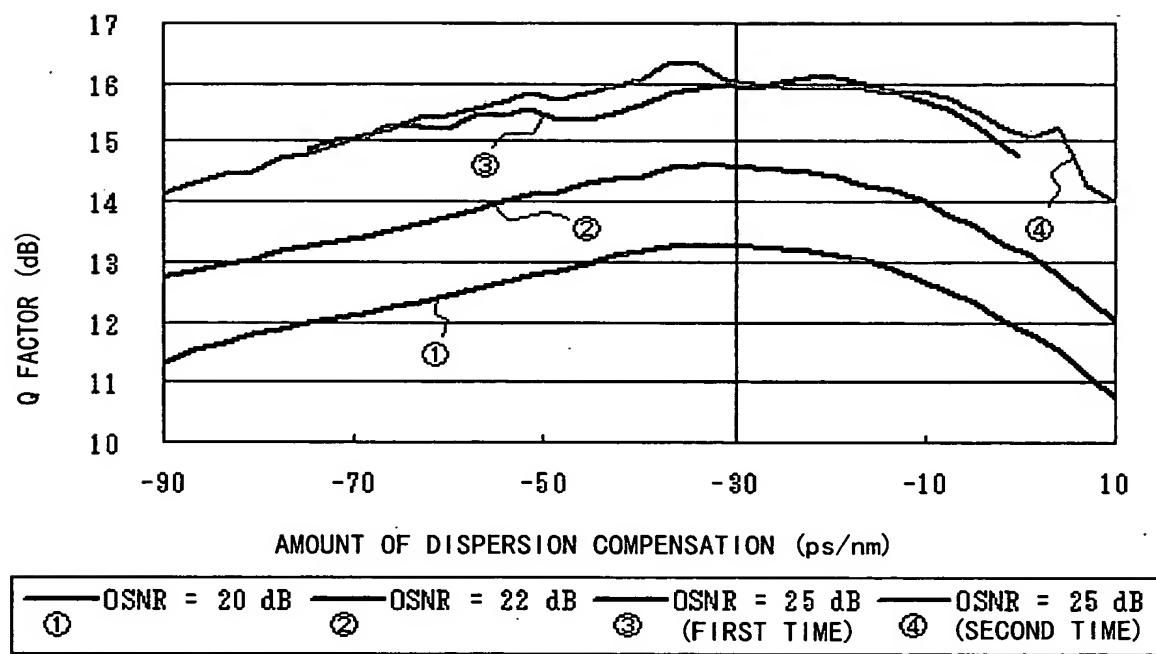


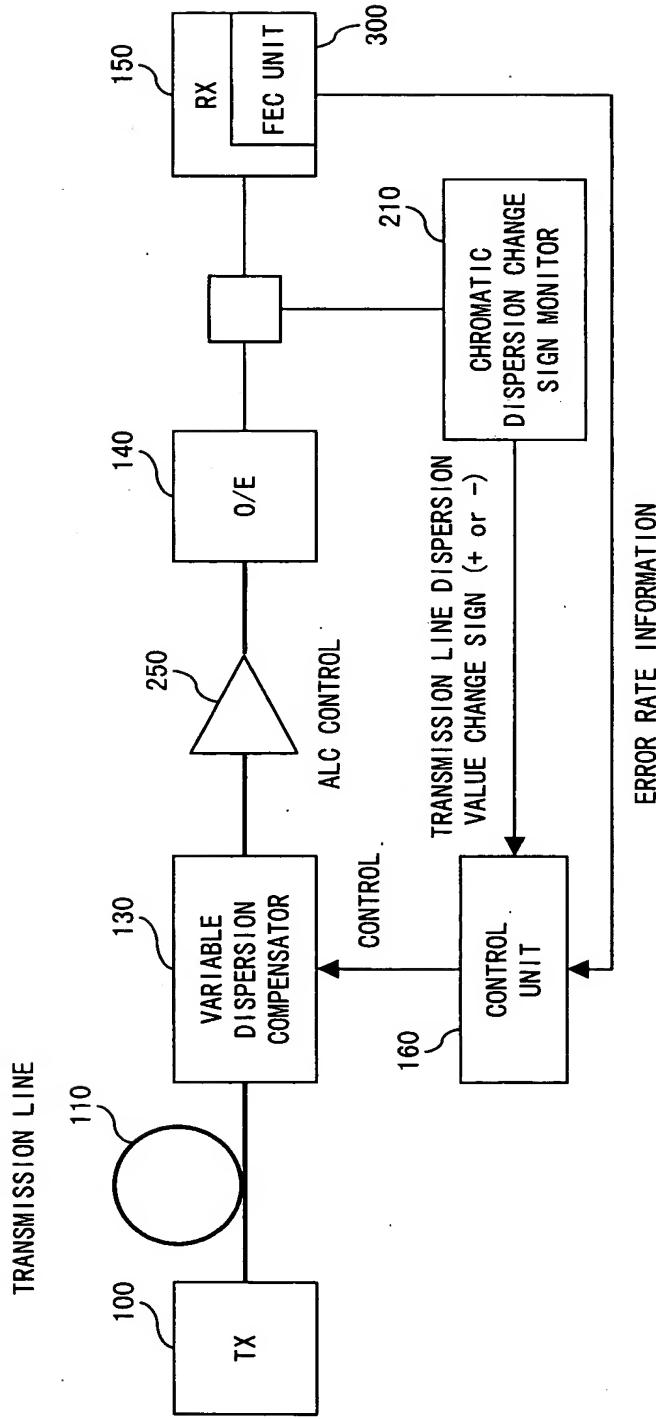
FIG. 42



F I G. 4 3

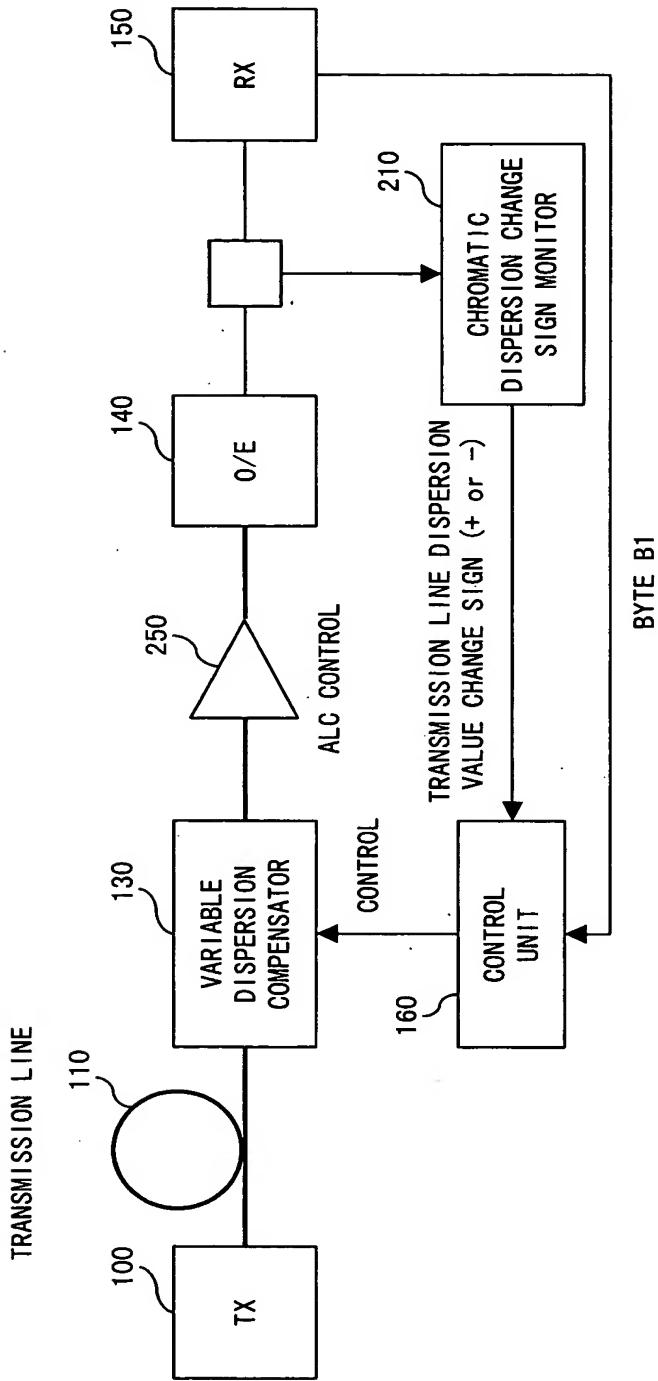


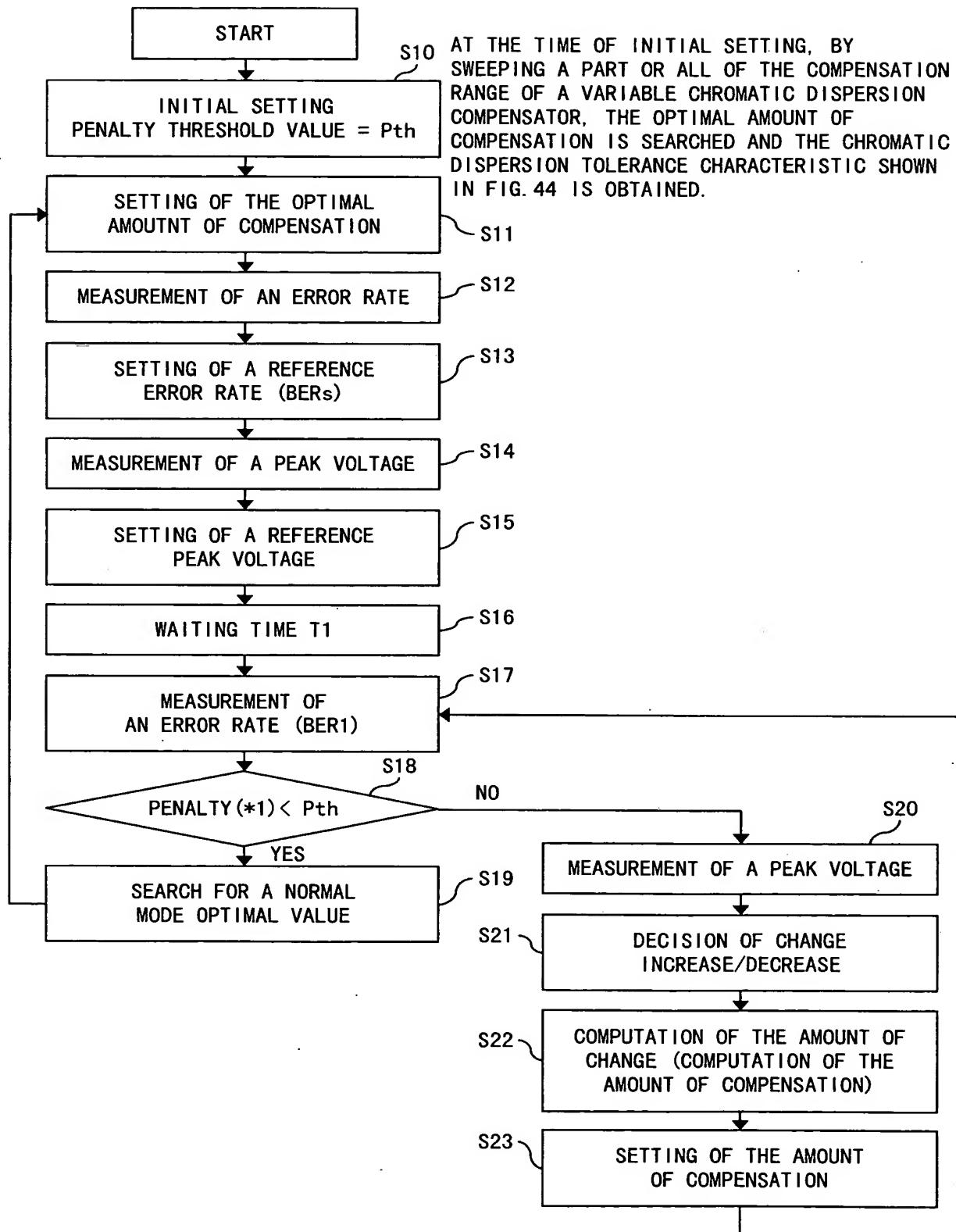
F I G. 4 4



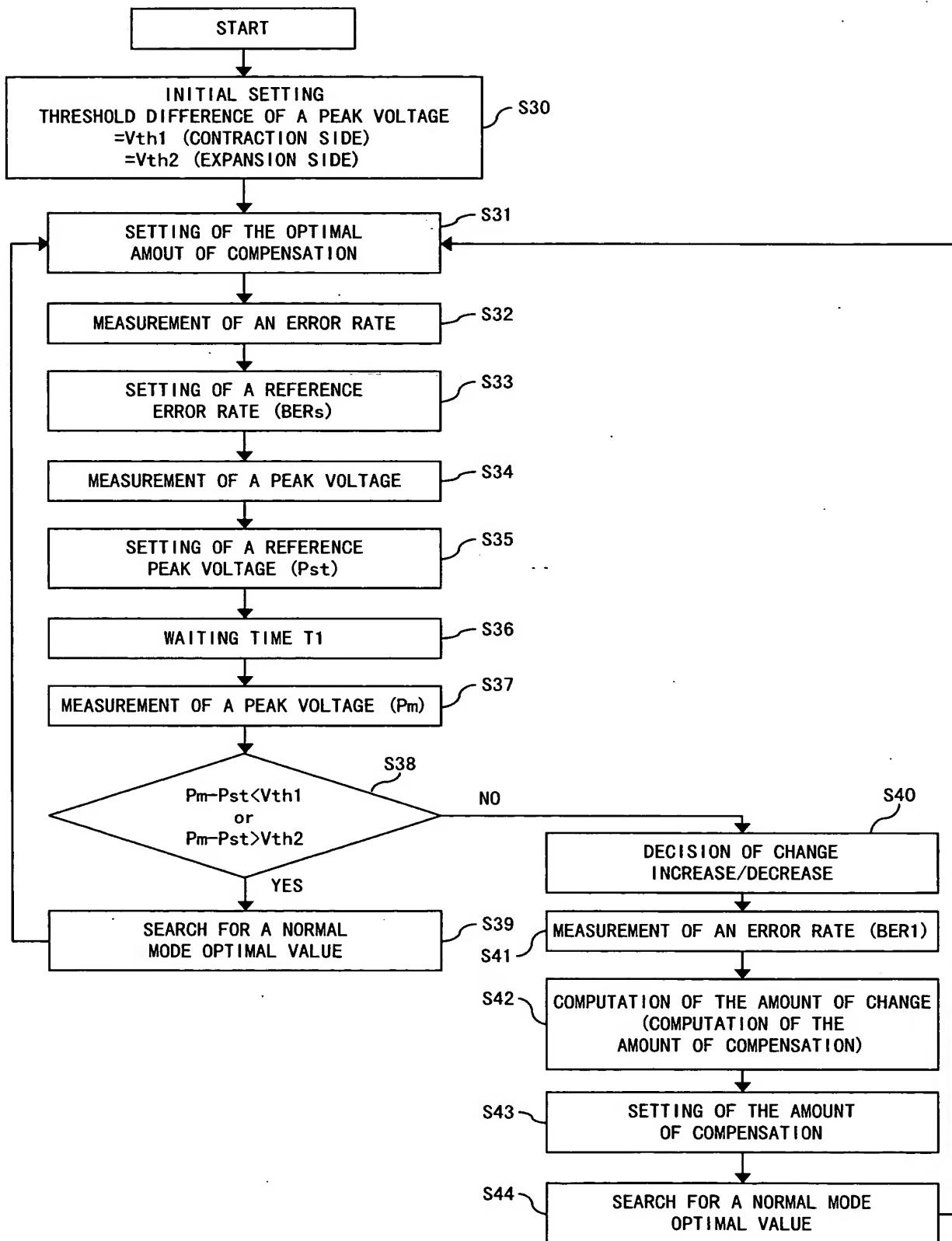
**F I G. 4 5**

FIG. 46

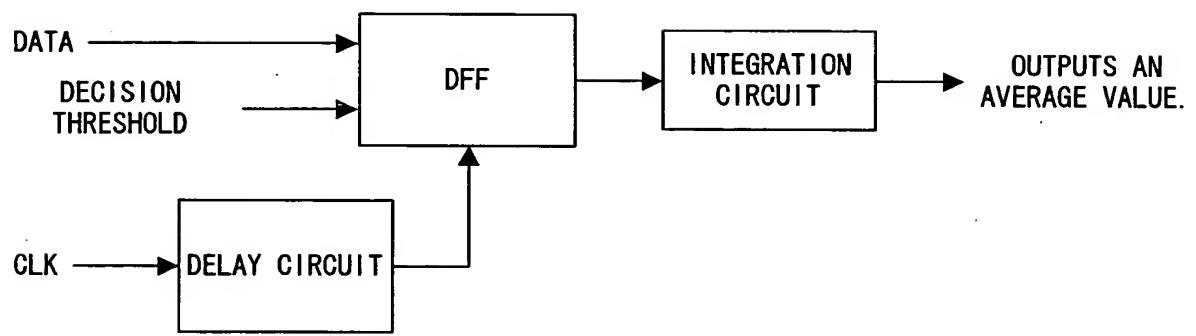




F I G . 4 7



F I G . 4 8



F I G. 49

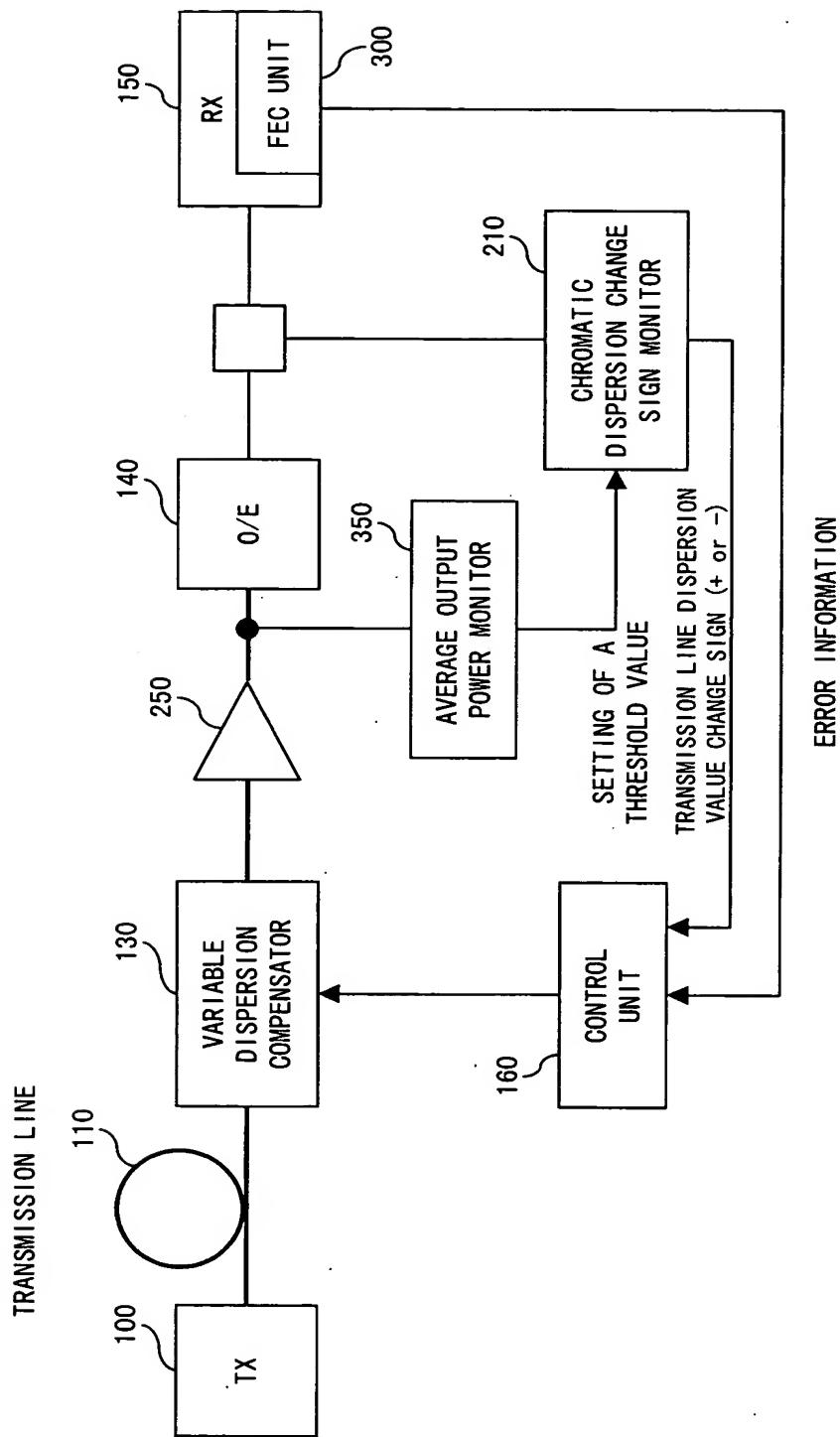


FIG. 50

FIG. 51 A      FIG. 51 B      FIG. 51 C

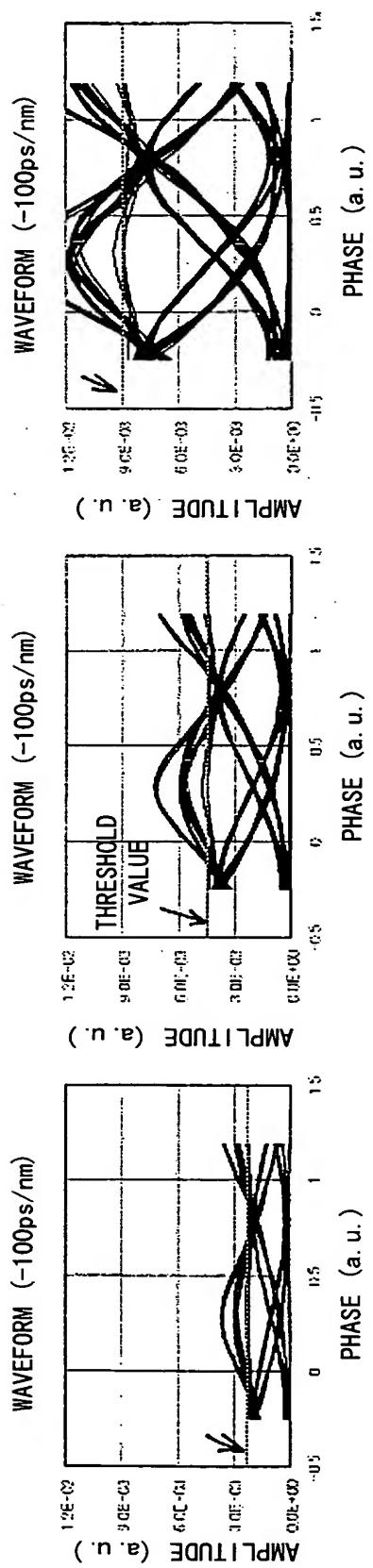
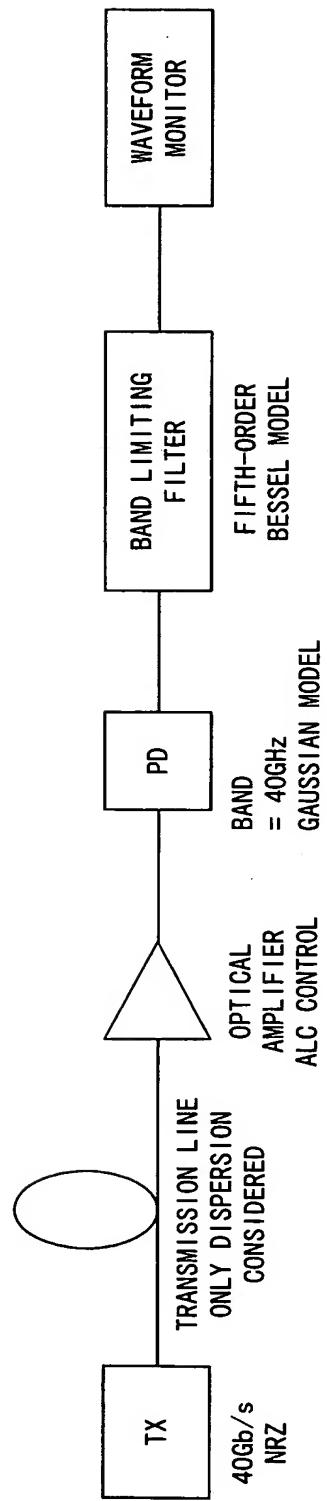
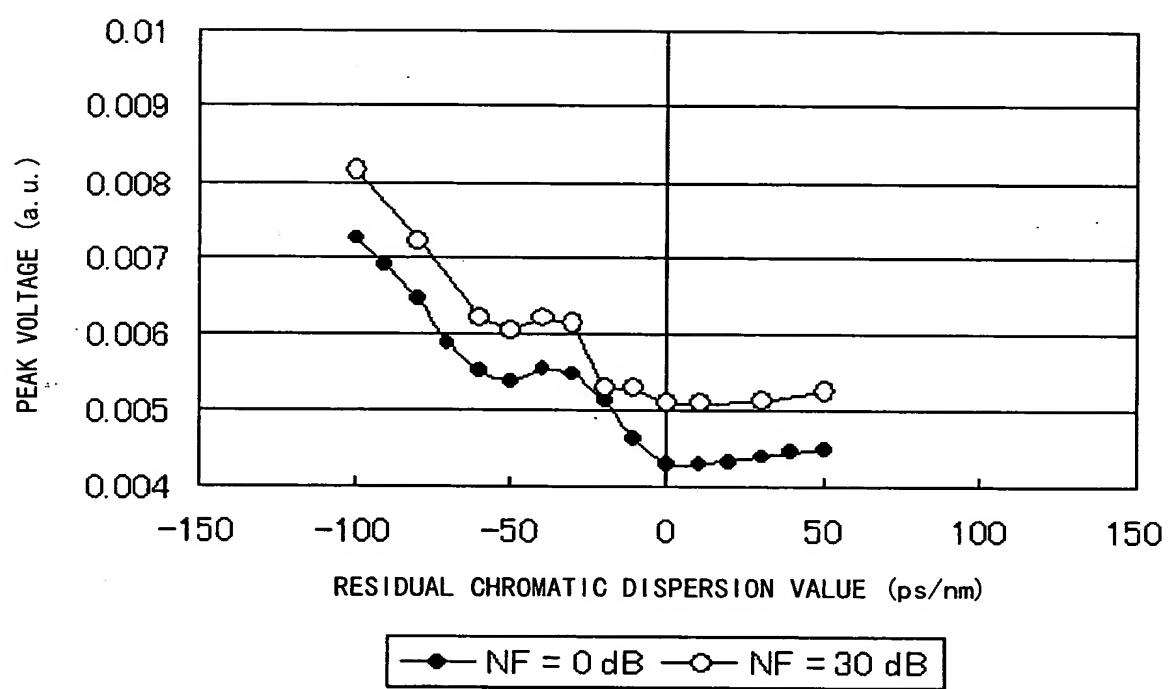
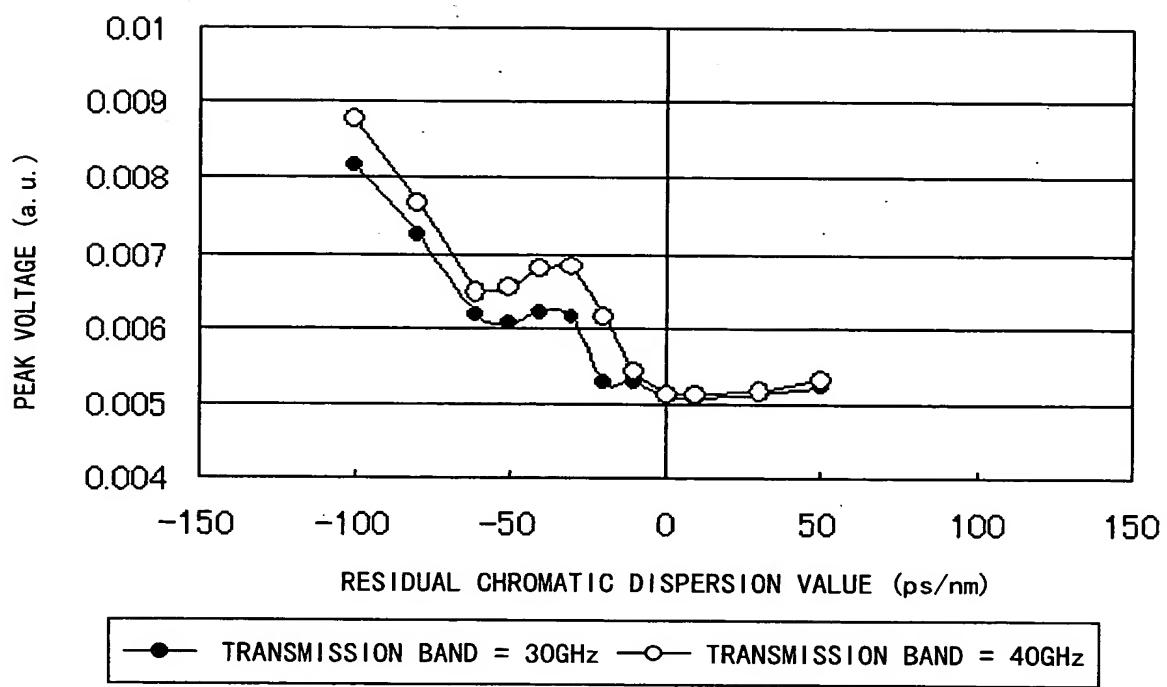


FIG. 5 2



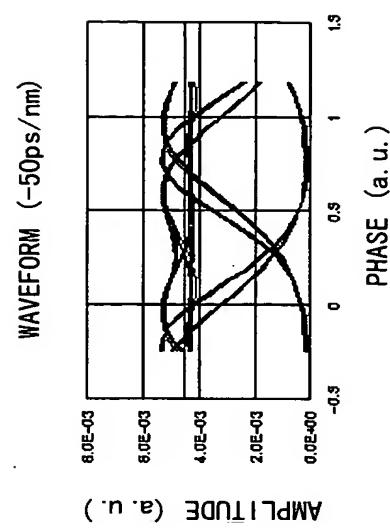


F I G. 53

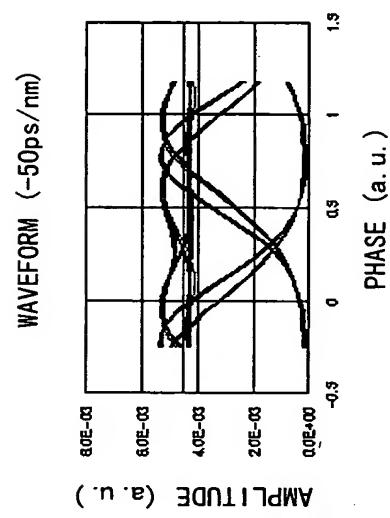


F I G. 5 4

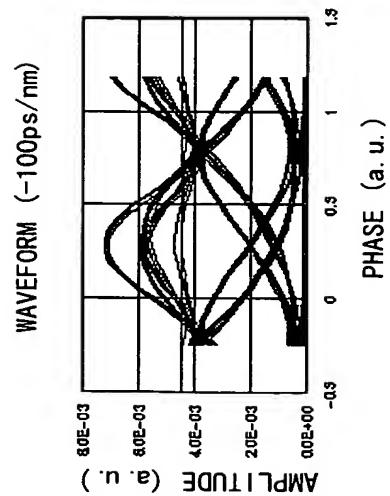
F I G. 55 C

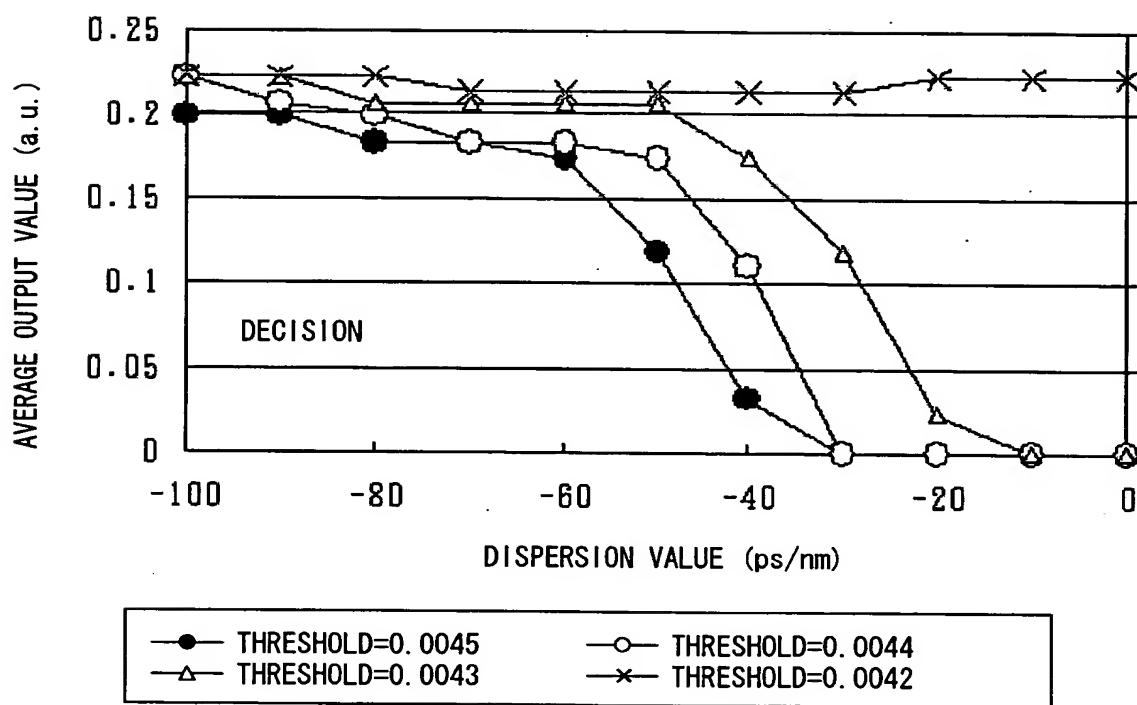


F I G. 55 B



F I G. 55 A





F I G. 56